



our **power**, your **passion**

EN



# Product Catalogue 2020





# Symbols



**EHS (Ergonomic Handling System)**  
System adopted for the controls of several power tools, to ensure easy use, reduced fatigue, and the utmost simplification for users.



**Gasoline**  
Gasoline fuel type engine.















**Diesel**  
Diesel fuel type engine.



**Original accessories and spare parts**  
Quality mark identifying original Emak parts and accessories. Designed to the most stringent quality standards, these items guarantee smoother operation of the machine and longer service life.

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# The Emak Group

## Our Vision

### "Innovative solutions for the best customer value"

We aim to operate as one of the world's foremost players in the development, production and distribution of machines, components and accessories for gardening, agriculture, forestry and industry, with an offering of innovative products and services designed to make the work of our clients in the consumer and professional markets efficient and enjoyable, guaranteeing that they always receive the highest possible value.



## Structure

The **Emak Group** is active in the development, production and worldwide sale of an extensive range of products for three business segments:

### Outdoor Power Equipment

- products for gardening, forestry and agriculture, including brushcutters, lawnmowers, garden tractors, chainsaws, rotary tillers and rotary cultivators.

### Pumps and High Pressure Water Jetting

- products for agriculture, including centrifugal and diaphragm pumps for crop spraying and weed control;
- products for industry, including pumps for industrial applications and high and very-high pressure systems;
- products for cleaning, namely professional and semiprofessional high-pressure washers, floor scrubber-dryers and vacuum sweepers.

### Components and Accessories

- products such as trimmer line and line heads for brushcutters, accessories for chainsaws, guns, valves and nozzles for high-pressure washers and for agricultural applications, plus precision farming products (sensors and computers).

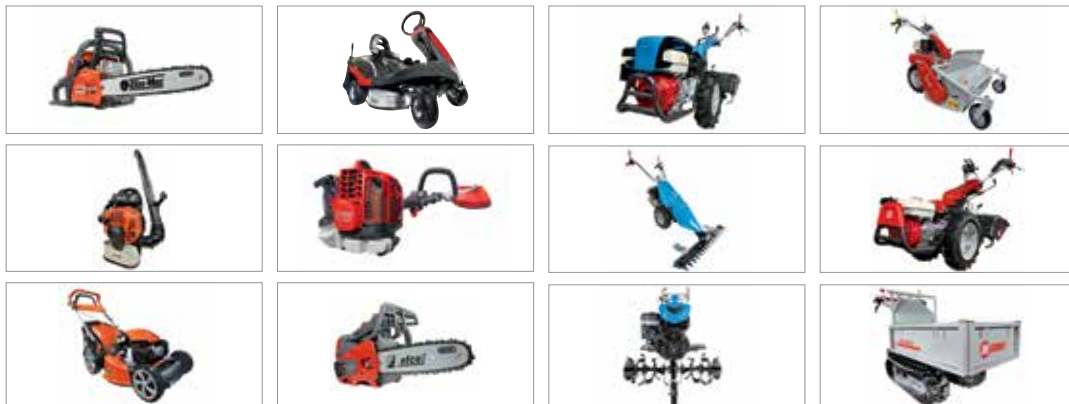
The group has approximately **2,000 employees** overall and generates annual sales of more than **EUR 450 million**.





## Divisions and Product Range

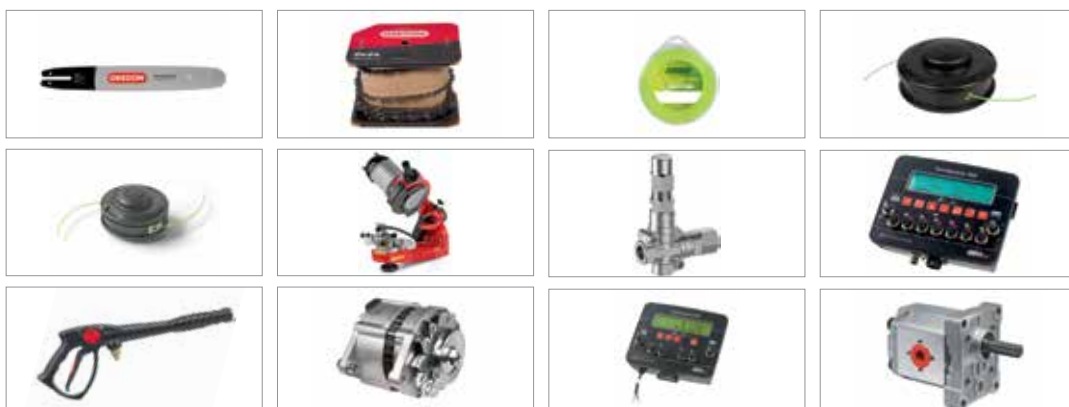
### Outdoor Power Equipment



### Pumps and High Pressure Water Jetting



### Components and Accessories



# Outdoor Power Equipment

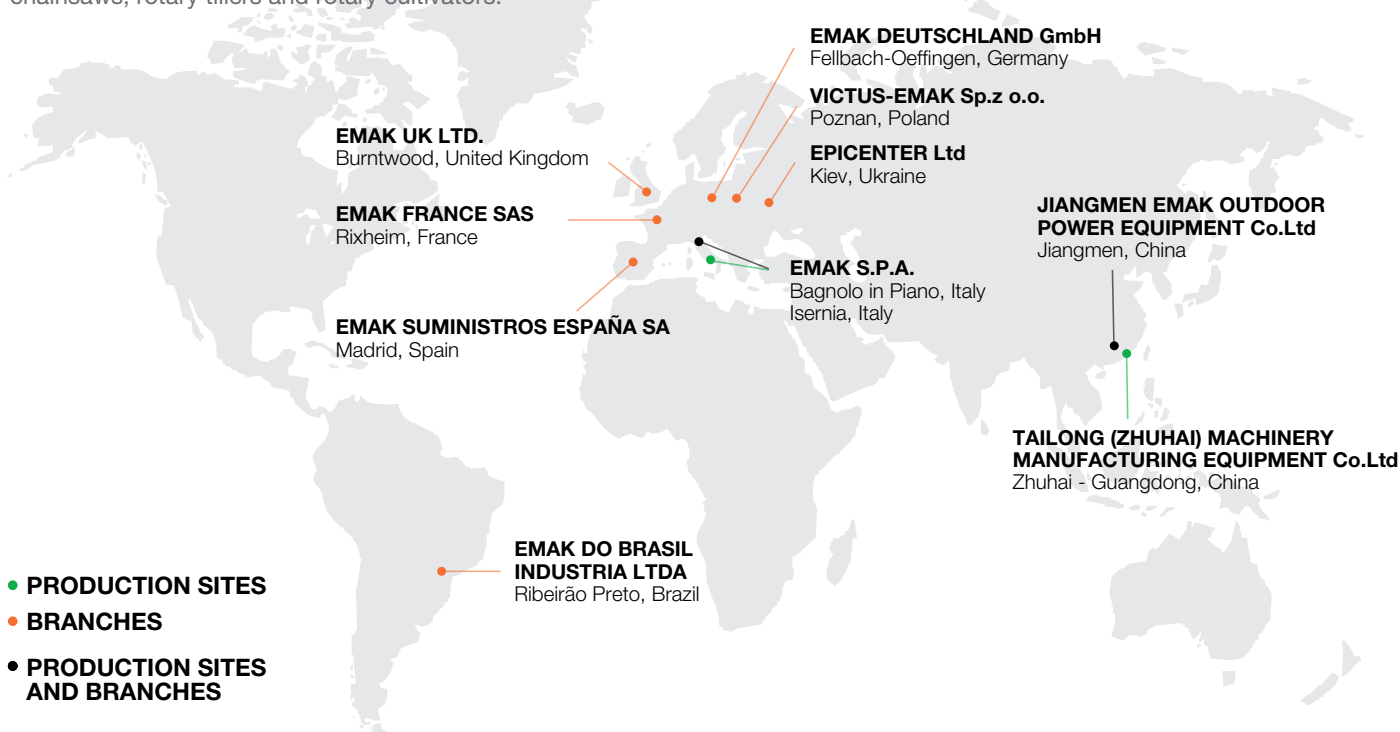
## Our Passion

**Emak**'s green ethos is made up of certainty, innovation and completeness. Our green credentials are based on care, respect, passion and design focus. That's why, with our **Efco**, **Oleo-Mac**, **Bertolini** and **Nibbi** brands, **Emak** stands as a benchmark in groundcare and garden maintenance for professionals and amateurs alike. A passion that has been all-Italian for more than 50 years. There's an **Emak** for everyone.



## Structure

**Emak** operates in the **Outdoor Power Equipment** segment through **10** companies engaged in the development, production and sale of products for gardening and forestry, and small agricultural machines, including brushcutters, lawnmowers, garden tractors, chainsaws, rotary tillers and rotary cultivators.



## Facts and Figures

4	brands
4	production units
8	foreign sales branches
~800	personnel
~170	€ mln sales
150	distributors
115	countries served
22	product families
250	models



# Outdoor Power Equipment

## Products and Accessories Range



A thorough-going process of product development implemented by Nibbi has resulted in a **truly comprehensive, constantly updated range of machines, suitable for agriculture ground care and maintenance of allotments and gardens** and capable of responding to the needs of users at every level. Products differ according to the use for which they are designed, but all feature the same high standards of quality in terms of performance, reliability, comfort and safety.

### Home-plus



#### Home-plus

A range of machines aimed at the home user, for tidying and cleaning the garden, cutting hedges and small trunks or stems, and DIY jobs in general. Characterized by lightweight and compact construction, to make the task of the operator that much simpler. Easy to start, easy to use, easy to maintain: these are the ideal tools for getting things done quickly and neatly around the home.

### Tough-tech



#### Tough-tech

Solid and dependable, these are machines designed for heavy and frequent use in countryside environments: clearing overgrown and uncultivated areas, pruning and cutting firewood, crop irrigation and disinfestation tasks. Designed adopting solutions certain to ensure high work rates and maximum durability over time.

### Sharp-pro



#### Sharp-pro

No-nonsense everyday tools for the busy professional, these are machines that stand out for the toughness of their components, their high performance and their matchless long-term durability. Specific materials used in construction guarantee unwavering quality even when tackling the most severe and lengthy of tasks, like forestry work and the clearance of uncultivated areas or scrub and undergrowth.



Specialist machines for soil preparation.  
Powerful and sturdy over large areas,  
practical and reliable even in private  
gardens and allotments: a wide range  
to suit all needs.

### HOME



**055**



**095 S**



### INTENSIVE



**105 S**



### PROFESSIONAL



**115**

**NEW**



**118**



### TECHNICAL DATA



gearbox



power



rotor





# Rotary tillers



## Rotary tiller for home use

**055**



Ideal for home gardeners who need to prepare vegetable patches and flower beds for seeding, this model offers an excellent combination of manageability and user-friendliness.



Rear wheel for easy transportation of the machine.





Speed regulator with integrated on-off system and control lever located within easy reach.



46 cm rotor with three elements per side, can be reduced to 32-22 cm.

**055**

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	 Emak	K 300 H OHV	80 cm <sup>3</sup>	2.4 HP	recoil start	68569002E5





## Gearbox:

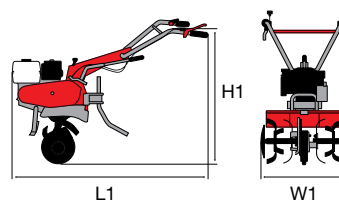
### 1-speed (1 forward)

Rotor speed with engine at 3400 rpm

159

1

## Dimensions (mm)



L1	1150
H1	1000
W1	460-320-220

Transmission	chain
Clutch	belt with tensioner
Handlebars	3 vertical adjustment positions
Rotor	46 cm, can be reduced to 32-22 cm
Power take-off	no
Spur	yes
Towing hitch	no
Transport wheel	yes
Weight	27 kg

## Rotary tiller for home use

### 095 S



Ideal for home gardeners who need to soften up the soil for seeding, this model offers an excellent combination of manageability and user-friendliness.



Front wheel for easy transportation of the machine. The wheel can be easily folded upward without tools to facilitate operations on the ground.



Handlebars with horizontal and vertical adjustment to allow the operator to assume the correct posture while working.



82 cm rotor with three elements per side with lateral protection discs.

### 095 S

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	 Emak	K 800 HT OHV	182 cm <sup>3</sup>	5.7 HP	recoil start	68599002E5A

## Focus on accessories



**Furrowing tool**  
Code **69209081**  
(requires tool holder  
**69209087**)



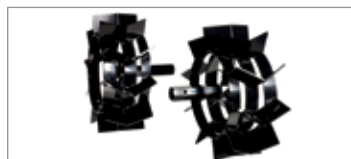
**Plough**  
Code **69209082**  
(requires tool holder  
**69209087**)



**Potato digger**  
Code **69209083**  
(requires tool holder  
**69209087**)



**Tool holder**  
Code **69209087**



**Pair of metal wheels**  
Code **69209084**



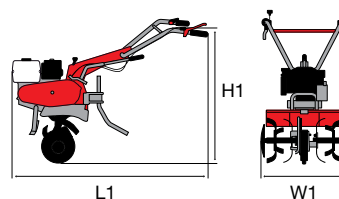
## Gearbox:

**2-speed (1 forward + 1 reverse)**

Rotor speed with engine at 3400 rpm

159 **1** **1R** 66

## Dimensions (mm)



L1	1400
H1	800
W1	820-550

Transmission	chain
Clutch	belt with tensioner
Handlebars	with vertical and horizontal adjustment
Rotor	82 cm, can be reduced to 55-35 cm, with lateral protection discs
Power take-off	no
Spur	yes
Towing hitch	yes
Transport wheel	yes
Weight	57 kg



## Rotary tiller for intensive use

**105 S**



Ideal for demanding home gardeners to prepare the soil for sowing. This model features two forward speeds and one reverse, the perfect combination for the most difficult jobs.



Practical and ergonomic external gear selector. Integrated tool holder and depth adjustable jackleg.



Handlebars with vertical and horizontal adjustment by means of an easily accessible lever, allowing the operator to assume the correct posture for the maximum working comfort.









85 cm rotor (reducible to 60-35 cm), oversized knives and lateral protection discs.

**105 S**

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	 <b>Emak</b>	K 800 HC OHV	182 cm <sup>3</sup>	5.7 HP	recoil start	<b>68589011E5</b>

## Focus on accessories

	<b>Furrowing tool</b> Code <b>69209081</b>
	<b>Plough</b> Code <b>69209082</b>
	<b>Potato digger</b> Code <b>69209083</b>
	<b>Pair of metal wheels</b> Code <b>69209116</b>
	<b>Pair of tyred wheels 3.50-6"</b> Code <b>69209089</b>
	<b>Pair of tyred wheels 3.50-8"</b> Code <b>69209114</b>



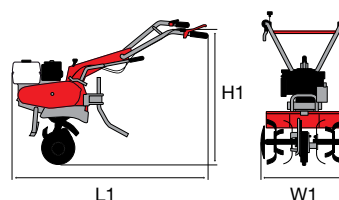
## Gearbox:

### 3-speed (2 forward + 1 reverse)

Rotor speed with engine at 3400 rpm

83	1	1R	62
114	2		

## Dimensions (mm)



L1	1630
H1	1050
W1	850-600-350

Transmission	with oil-bath gearbox and chain
Clutch	belt with tensioner
Handlebars	with vertical and horizontal adjustment
Rotor	85 cm, reducible to 60-35 cm, with side protection discs
Power take-off	no
Spur	yes, depth adjustable
Towing hitch	yes, with integral tool holder
Transport wheel	yes
Weight	63 kg

# Professional rotary tiller

115

NEW



Extremely reliable, compact and easy to handle. Designed to meet the needs of smallholders and groundcare professionals. The direct gear transmission and cone clutch make the machine extremely resistant to the stresses generated during work operations while maximising operator comfort.



Direct transmission with gears on the crankshaft for the maximum stress resistance.



Versatile, thanks to the 3-speed gearbox (2 forward + 1 reverse) that makes it possible to achieve the same tillage results irrespective of the hardness and consistency of the soil.



Extremely rugged oil-bath gearbox with very low maintenance requirements.

115

Power supply	Engine	Model	Displacement	Power	Starting	Code
gasoline	POWERED BY HONDA	GX 160 OHV	163 cm <sup>3</sup>	4.8 HP	recoil start	68649026E5
gasoline	POWERED BY HONDA	GX 200 OHV	196 cm <sup>3</sup>	5.8 HP	recoil start	68649052E5
gasoline	Emak	K 800 H OHV	182 cm <sup>3</sup>	5.7 HP	recoil start	68649037E5
diesel	Emak	K 7000 HD	349 cm <sup>3</sup>	6.7 HP	recoil start	68649050E5



## Focus on accessories



**Pair of lateral transport wheels Ø 420 mm**  
Code **68600001**



**Adjustable furrower**  
Code **68600006**



**Flange for wheels**  
Code **L0093800**



**Pair of tyred wheels 4.00-8"**  
Fixed disc  
Code **69209025B**  
(requires hubs **L0093800**)



**Pair of steel wheels Ø 410x60 mm**  
Code **L0756011**  
(requires hubs **L0093800**)



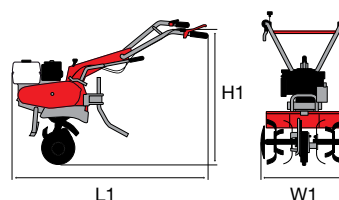
## Gearbox:

### 3-speed (2 forward + 1 reverse)

Rotor speed with engine at 3600 rpm



## Dimensions (mm)



L1	1350
H1	800
W1	870-600

Transmission	oil-bath gearbox
Clutch	oil-immersed bevel type
Handlebars	with vertical and horizontal adjustment
Rotor	87 cm, reducible to 60 cm, with side protection discs
Power take-off	yes, independent 2100 rpm
Spur	yes
Towing hitch	yes
Transport wheel	yes
Weight	80 kg with petrol engine – 90 kg with diesel engine

# Professional rotary tiller

118



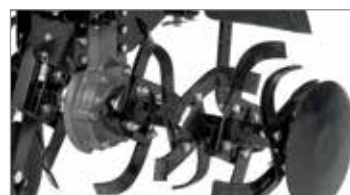
Model designed to meet the needs of smallholders and groundcare professionals. The direct gear transmission on the crankshaft makes the tool resistant to the stresses generated when working on hard terrain.



Direct gear transmission on the crankshaft with oil-immersed multi-disc clutch.







Extreme versatility thanks to the 4-speed gearbox (3 forward + 1 reverse) that makes it possible to achieve the same tillage results irrespective of the hardness and consistency of the soil.




Oil-bath gear drive, extremely robust and with reduced maintenance requirements.

118

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	 <b>Emak</b>	K 900 HR OHV	252 cm <sup>3</sup>	7.0 HP	recoil start	<b>68579001E5S2</b>
 diesel	 <b>Emak</b>	K 7000 HDR	349 cm <sup>3</sup>	6.7 HP	recoil start	<b>68579002E5AS2</b>

## Focus on accessories

	<b>Furrowing tool</b> Code <b>69209081</b>
	<b>Plough</b> Code <b>69209082</b>
	<b>Potato digger</b> Code <b>69209083</b>
	<b>Pair of metal wheels</b> Code <b>69209122</b>
	<b>Pair of tyred wheels</b> <b>3.50-8"</b> Code <b>69209123</b>



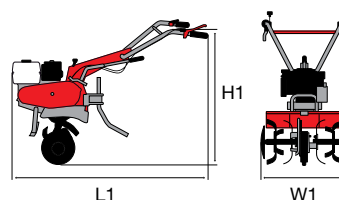
## Gearbox:

### 4-speed (3 forward + 1 reverse)

Rotor speed with engine at 3600 rpm

58	1	1R	44
102	2		
140	3		

## Dimensions (mm)



L1	1500 (gasoline) 1700 (diesel)
H1	1100
W1	1000-820-600

Transmission	with oil-bath gearbox
Clutch	wet multi-disc
Handlebars	with vertical and horizontal adjustment
Rotor	100 cm, reducible to 80-60 cm, with side protection discs
Power take-off	yes, 3600 rpm
Spur	yes, depth adjustable
Towing hitch	yes, with integral tool holder
Transport wheel	yes (diesel version with front stand)
Weight	96 kg with petrol engine – 131 kg with diesel engine

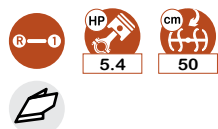


Powerful and reliable,  
easy to handle, reversible and versatile,  
these machines represent the ideal solution  
for all ground jobs in any season.

### HOME



#### BRIK



#### BRIK 1 S



### INTENSIVE



#### BRIK 5 S



#### KAM 7 S



#### KAM 13 S



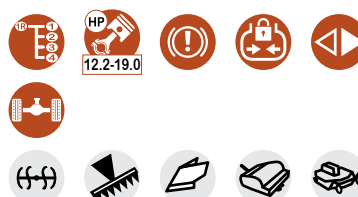
### PROFESSIONAL



#### MAK 17 S



#### MAK 18 S



### TECHNICAL DATA



### OPTIONAL







# Two wheel tractors



## Two wheel tractor for home use

### BRIK



Ideal for home users with small gardens requiring periodic soil preparation for sowing, also in particularly difficult conditions. The rotor turns in the opposite direction to the direction of rotation of the wheels, thus giving the operator the maximum control of the cultivator and significantly reducing transmitted vibration levels.



50 cm wide counter-rotating rotor to facilitate work on particularly difficult terrain.



Large sized wheels for easier maneuvering of the machine.



Rotor depth adjustment enables operation on all types of terrain.

### BRIK

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	 Emak	K 700 H OHV	182 cm <sup>3</sup>	5.4 HP	recoil start	68369002E5

## Focus on accessories



**Rear-mounted furrowing tool**  
Code **69209111**



**Pair of steel wheels Ø 370 mm**  
Code **L0051200**



## WITH TWO WHEEL TRACTOR

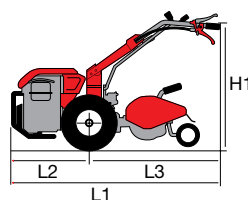
**Gearbox/ Speed (km/h):**

**2-speed (1 forward + 1 reverse) with 4.00-8" wheels**

Speed (km/h)

1.45 **1** **1R** 2.64

## Dimensions (mm)



L1	1650
L2	540
L3	1110
H1	960
W1	430
W2	500

Transmission	with oil-bath gearbox
Clutch	direct engagement
Handlebars	with vertical adjustment
Reverse gear	no
Differential	no
Brakes	no
Power take-off	synchronised with forward travel
Accessories installation	no
Towing hitch	no
Cowling	no
Weight	75 kg (complete machine)



## Two wheel tractor for home use

### BRIK 1 S



Designed for demanding home gardeners tending an allotment or vegetable plot, this two wheel tractor is extremely functional and offers the optimal combination of ease of use and safety.



Handlebar-mounted PTO control.






Handlebars with vertical and horizontal adjustment and 180° reversible, with vibration-damping device to assure more comfortable handling.



Integral QuickFit coupling that allows the operator to change the equipment without using tools.

### BRIK 1 S

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	POWERED BY <b>HONDA</b>	GX 160 OHV	163 cm <sup>3</sup>	4.8 HP	recoil start	68319103E5
 gasoline	 <b>Emak</b>	K 800 H OHV	182 cm <sup>3</sup>	5.7 HP	recoil start	68319105E5

## Focus on accessories



**Rotor Ø 280, 50-(35) cm**  
12 spikes  
coupling for **Quickfit**  
(can be reduced to 35 cm with kit  
**L0116300**)  
Code **69219111**



**Rear-mounted furrowing tool**  
Code **L0050600**



**Brush L 80 - Ø 35 cm**  
With horizontal  
and vertical adjustment  
Code **L0070000**



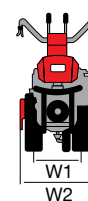
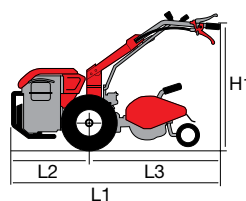
## WITH TWO WHEEL TRACTOR

**Gearbox/ Speed (km/h):**

**2-speed (1 forward + 1 reverse) with 4.00-8" wheels**

Speed (km/h) 1.18 1 1R 3.07

## Dimensions (mm)



L1	1440
L2	470
L3	970
H1	230-1050
W1	380
W2	350-600

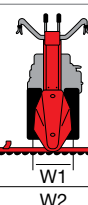
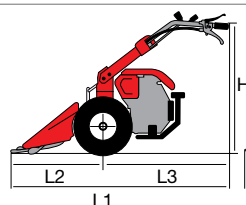
## WITH CUTTERBAR MOWER

**Gearbox/ Speed (km/h):**

**2-speed (1 forward + 1 reverse) with 4.00-8" wheels**

Speed (km/h) 3.07 1 1R 1.18

## Dimensions (mm)










L1	1465
L2	600
L3	865
H1	345-1150
W1	380
W2	900-1117

Transmission	with oil-bath gearbox
Clutch	dry multidisc
Handlebars	with vertical and horizontal adjustment and 180° reversible, with vibration-damping device
Reverse gear	no
Differential	no
Brakes	no
Power take-off	independent 1004 rpm
Accessories installation	Integral QuickFit supplied as standard
Towing hitch	optional
Cowling	no
Weight	75 kg (with diesel engine, rotor and wheels)

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# Accessories

Accessory			Optional accessory		
Towing hitch					
	Towing hitch	L0060900			
Adjustable tool holder					
	Adjustable tool holder (requires towing hitch <b>L0060900</b> )	L0103400		Single share plough	L0100000
				Furrowing tool	L0103200
Bar drive					
	Cam drive	69229092		0.92 m Complete central cutter plate <b>Special teeth</b>	69222011
Front brush					
	Brush <b>L 80-Ø 35</b> cm With horizontal and vertical adjustment	L0070000			

## Two wheel tractor for intensive use

### BRIK 5 S



Designed for small and medium-size plots, this machine very effectively combines professional level reliability and performance with extreme ease of handling, making it ideal for demanding home users and smallholders. The full range of accessories, including rotors, cutterbars, brushes and snowthrowers, are designed to meet the requirements of users seeking a multifunction machine that's both practical and safe.



Handlebars with vertical and horizontal adjustment and 180° reversible, with vibration-damping device to assure more comfortable handling.



The EHS system ensures ease of use, reduced effort and the maximum simplification for users.



Practical forward/reverse shuttle enables the operator to change quickly into reverse gear from any speed, making the machine easy to handle even with the rotor or other accessories mounted.



GIUCIARO DESIGN

### BRIK 5 S

Power supply	Engine	Model	Displacement	Power	Starting	Notes	Code
gasoline	POWERED BY <b>HONDA</b>	GX 200 OHV	196 cm <sup>3</sup>	5.8 HP	recoil start		68359008E5
gasoline	<b>Emak</b>	K 800 H OHV	182 cm <sup>3</sup>	5.7 HP	recoil start		68359009E5
diesel	<b>Emak</b>	K 7000 HD	349 cm <sup>3</sup>	6.7 HP	recoil start		68359017E5A
diesel	<b>Emak</b>	K 7000 HD	349 cm <sup>3</sup>	6.7 HP	recoil start/ electric	battery supplied as standard	ND

## Focus on accessories



**Rotor Ø 280, 60-50-(40) cm**  
16 spikes  
**Fixed coupling**  
(can be reduced to 40 cm  
with kit **69210259**)  
Code **69219102**



**Oil-immersed drive**  
Code **69229097A**



**Front shovel L 100x40 cm**  
**Quickfit coupling**  
With horizontal and vertical  
adjustment  
(requires QuickFit **69212006**)  
Code **69209065**



## WITH TWO WHEEL TRACTOR

**Gearbox/ Speed (km/h):**

**4-speed (2 forward + 2 reverse) with 4.00-8" wheels**

Speed (km/h)	1.05	1	1R	1.11
	2.20	2	2R	2.32

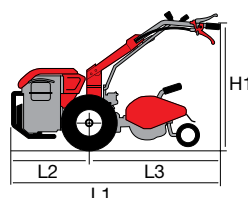
## WITH CUTTERBAR MOWER

**Gearbox/ Speed (km/h):**

**4-speed (2 forward + 2 reverse) with 4.00-8" wheels**

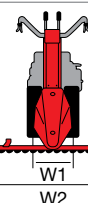
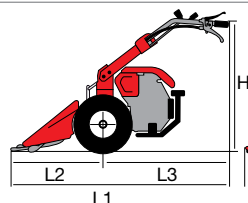
Speed (km/h)	1.11	1	1R	1.05
	2.32	2	2R	2.20

## Dimensions (mm)



L1	1740
L2	550
L3	1190
H1	1250-300
W1	370
W2	600-400

## Dimensions (mm)



L1	1670
L2	900
L3	770
H1	1250-300
W1	370
W2	1270-950



















Transmission	with oil-bath gearbox
Clutch	dry multidisc
Handlebars	with vertical and horizontal adjustment and 180° reversible, with vibration-damping device
Reverse gear	yes, with handlebar lever
Differential	no
Brakes	no (yes, only in diesel engine version)
Power take-off	independent 973 rpm
Accessories installation	QuickFit (optional)
Towing hitch	optional
Cowling	no
Weight	116 kg (with engine, rotor and wheels)



## BRIK 5 S








Accessory			Optional accessory		
Rotors					
	Rotor Ø 280, <b>60-50-(40)</b> cm 16 spikes <b>Fixed coupling</b> (can be reduced to 40 cm with kit <b>69210259</b> )	69219102		Support wheel	Z0020368
				Rear-mounted furrowing tool	L0009800
	Rotor Ø 280, <b>60-50-(40)</b> cm 16 spikes <b>Quickfit included</b> (can be reduced to 40 cm with kit <b>69210259</b> )	69219088		Support wheel	Z0020368
				Rear-mounted furrowing tool	L0009800
Front ballast kit					
	Front ballast <b>7.8 Kg</b>	69209118			
Tyred wheels					
	Pair of tyred wheels <b>4.00x8"</b> <b>Fixed disc</b>	69209025B		Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L <b>50</b> mm	69209094
				Pair of snow chains	L1055015
	Pair of tyred wheels <b>4.00x10"</b> <b>Fixed disc</b>	69200024A		Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L <b>50</b> mm	69209094
				Pair of snow chains	L0021600
	Pair of tyred wheels <b>4.00x10"</b> <b>Adjustable disc</b>	69209004B		Pair of <b>15</b> kg ballasts (not compatible with adjustable half-shafts)	69209099
				Pair of <b>15</b> kg ballasts (compatible with adjustable half-shafts)	69209075
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L <b>50</b> mm	69209094
				Pair of snow chains	L0021600
	Pair of tyred wheels <b>16-6.50x8"</b> <b>Fixed disc</b> (requires pair of spacers L <b>50</b> mm <b>69209094</b> )	69209012A		Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500

# Accessories

Accessory			Optional accessory		
Steel wheels					
	Pair of steel wheels Ø 480x100 mm	69209067		Pair of width adjustment rings L 100 mm	L0040100
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 50 mm	69209094
Towing hitch					
	Towing hitch	69209072			
Drives and Cutter plates					
	Oil-immersed drive	69229097A		0.95 m Complete central cutter plate <b>Semi-fine teeth</b>	69229084A*
				1.15 m Complete central cutter plate <b>Semi-fine teeth</b>	69229085A*
				1.27 m Complete central cutter plate <b>Semi-fine teeth</b>	69229086A*
				0.95 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229068A
				1.15 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229069A
				1.27 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229070A
				1.22 m Complete central cutter plate <b>“UNIVERSAL” ESM</b> (requires kit L0058900)	69229036
				1.02 m Complete central cutter plate <b>“KOMUNAL” ESM</b> (requires kit L0058900)	L0066900
				1.22 m Complete central cutter plate <b>“KOMUNAL” ESM</b> (requires kit L0058900)	69229037
				Ballast for oil-immersed drive	L0105700
				Directional guides for semi-fine tooth cutter plate	69229098




\* (recommended for use in conjunction with directional guides 69229098).

## BRIK 5 S

Accessory			Optional accessory		
Adjustable tool holder					
	Adjustable tool holder (requires towing hitch <b>69209072</b> )	L1055001A		Single share plough	Z0020102
				Furrowing tool	Z0020133
				Potato digger	L0066400
QuickFit					
	QuickFit coupling	69212006			
Front shovel					
	Front shovel L 100x40 cm <b>Quickfit coupling</b> With horizontal and vertical adjustment (requires QuickFit <b>69212006</b> )	69209065			
Snow thrower					
	Turbine L 60 cm <b>Two stages</b> Adjustable ejector chute <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	L0026200			



# Accessories

Accessory			Optional accessory		
Front brush					
	Brush <b>L 100xØ 35</b> cm With horizontal and vertical adjustment <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	<b>L0094200</b>			
Rotor type flail mower					
	Flail mower <b>L 50</b> cm <b>16 'Y'</b> shaped knives Integral safety brake Adjustable flange Adjustable support roller PTO right-hand rotation <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	<b>69209119</b>			
Mower					
	Mower <b>L 65</b> cm <b>Single blade</b> Integral safety brake Adjustable and removable swivel wheels Adjustable lateral skids PTO right-hand rotation <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	<b>69209008</b>			

## Two wheel tractor for intensive use

### KAM 7 S



Thanks to the differential with locking lever on the handlebars, which affords perfect manoeuvrability and grip even on the most difficult terrain and on slopes, the key strength of this machine is its ease of use. The facility to use a range of different accessories for tillage, grass cutting and maintenance of gardens or urban spaces makes these machines exceptionally versatile and perfectly adapted to meet the needs of demanding home users and smallholders.



Ergonomically positioned easy action levers for differential locking and reverse shuttle.



Independent brakes on each wheel and handlebar steering to facilitate travel on even the most difficult terrain.



QuickFit coupling that allows the operator to change the equipment without using tools.



GIUCIARO DESIGN

### KAM 7 S

Power supply	Engine	Model	Displacement	Power	Starting	Notes	Code
gasoline	POWERED BY HONDA	GX 200 OHV	196 cm <sup>3</sup>	5.8 HP	recoil start		68359102E5
gasoline	POWERED BY HONDA	GX 270 OHV	270 cm <sup>3</sup>	8.4 HP	recoil start		68359118E5
gasoline	Emak	K 800 H OHV	182 cm <sup>3</sup>	5.7 HP	recoil start		68359106E5
gasoline	Emak	K 900 H OHV	252 cm <sup>3</sup>	7.0 HP	recoil start		68359120E5
gasoline	KOHLER	CH 270 OHV	208 cm <sup>3</sup>	7.0 HP	recoil start		68359107E5
diesel	Emak	K 7000 HD	349 cm <sup>3</sup>	6.7 HP	recoil start		68359115E5A
diesel	Emak	K 7000 HD	349 cm <sup>3</sup>	6.7 HP	recoil start/ electric	battery supplied as standard	68359124E5

## Focus on accessories



**Rotor Ø 280, 60-50-(40) cm**  
16 spikes  
**Quickfit included**  
(can be reduced to 40 cm  
with kit **69210259**)  
Code **69219088**



**Turbine L 60 cm**  
**Two stages**  
Adjustable ejector chute  
**Quickfit coupling**  
(requires QuickFit **69212006**)  
Code **L0026200**



**Flail mower L 65 cm**  
**24 'Y' shaped knives**  
Integral safety brake  
Adjustable flange  
Adjustable support roller  
PTO right-hand rotation  
**Quickfit coupling**  
(requires QuickFit **69212006**)  
Code **L0091000**



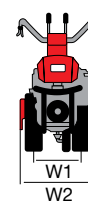
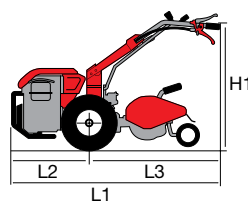
## WITH TWO WHEEL TRACTOR

**Gearbox/ Speed (km/h):**

**4-speed (2 forward + 2 reverse) with 4.00-10" wheels**

Speed (km/h)	1.20	1	1R	1.27
	2.52	2	2R	2.66

## Dimensions (mm)



L1	1780
L2	570
L3	1210
H1	1340-470
W1	370
W2	700-400

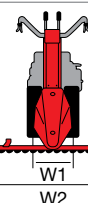
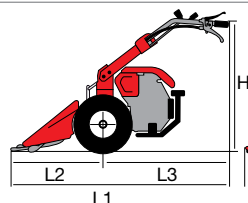
## WITH CUTTERBAR MOWER

**Gearbox/ Speed (km/h):**

**4-speed (2 forward + 2 reverse) with 4.00-10" wheels**

Speed (km/h)	1.27	1	1R	1.20
	2.66	2	2R	2.52

## Dimensions (mm)





L1	1690
L2	900
L3	790
H1	1440-620
W1	370
W2	1420-950

Transmission	with oil-bath gearbox
Clutch	dry multidisc
Handlebars	with vertical and horizontal adjustment and 180° reversible, with vibration-damping device
Reverse gear	yes, with handlebar lever
Differential	yes
Brakes	yes
Power take-off	independent 973 rpm
Accessories installation	QuickFit (optional)
Towing hitch	yes
Cowling	no
Weight	120 kg (with engine, rotor and wheels)


























## KAM 7 S

Accessory			Optional accessory		
Rotors					
	Rotor Ø 280, <b>60</b> -50-(40) cm 16 spikes <b>Fixed coupling</b> (can be reduced to 40 cm with kit <b>69210259</b> )	69219102		Support wheel	Z0020368
				Rear-mounted furrowing tool	L0009800
	Rotor Ø 280, <b>60</b> -50-(40) cm 16 spikes <b>Quickfit included</b> (can be reduced to 40 cm with kit <b>69210259</b> )	69219088		Support wheel	Z0020368
				Rear-mounted furrowing tool	L0009800
	Rotor Ø 320, (80)- <b>70</b> -60-(50) cm 20 spikes <b>Quickfit included</b> Support wheel included (expandable to 80 cm with kit <b>69210231</b> ) (can be reduced to 50 cm with kit <b>69210229</b> )	69219059		Rear-mounted furrowing tool	L0009800
	Rotor Ø 320, (80)- <b>70</b> -60-(50) cm 20 spikes <b>Fixed coupling</b> Support wheel included (expandable to 80 cm with kit <b>69210231</b> ) (can be reduced to 50 cm with kit <b>69210229</b> )	69219065		Rear-mounted furrowing tool	L0009800

# Accessories

Accessory			Optional accessory		
Tyred wheels					
	Pair of tyred wheels 4.00x8" Fixed disc	69209025B		Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 50 mm	69209094
				Pair of snow chains	L1055015
	Pair of tyred wheels 4.00x10" Fixed disc	69200024A		Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 50 mm	69209094
				Pair of snow chains	L0021600
	Pair of tyred wheels 4.00x10" Adjustable disc	69209004B		Pair of 15 kg ballasts (not compatible with adjustable half-shafts)	69209099
				Pair of 15 kg ballasts (compatible with adjustable half-shafts)	69209075
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 50 mm	69209094
				Pair of snow chains	L0021600
	Pair of tyred wheels 5.00x10" Adjustable disc	69209003B		Pair of 15 kg ballasts (not compatible with adjustable half-shafts)	69209099
				Pair of 15 kg ballasts (compatible with adjustable half-shafts)	69209075
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 50 mm	69209094
				Pair of snow chains	L0030200
	Pair of tyred wheels 16-6.50x8" Fixed disc (requires pair of spacers L 50 mm 69209094)	69209012A		Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500

## KAM 7 S

Accessory			Optional accessory		
Steel wheels					
	Pair of steel wheels Ø 480x100 mm	69209067		Pair of width adjustment rings L 100 mm	L0040100
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 50 mm	69209094
Adjustable tool holder					
	Adjustable tool holder	L1055001A		Single share plough	Z0020102
				Furrowing tool	Z0020133
				Potato digger	L0066400
Drives and Cutter plates					
	Oil-immersed drive	69229097A		0.95 m Complete central cutter plate <b>Semi-fine teeth</b>	69229084A*
				1.15 m Complete central cutter plate <b>Semi-fine teeth</b>	69229085A*
				1.27 m Complete central cutter plate <b>Semi-fine teeth</b>	69229086A*
				1.40 m Complete central cutter plate <b>Semi-fine teeth</b>	69229087A*
				0.95 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229068A
				1.15 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229069A
				1.27 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229070A
				1.40 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229071A
				1.22 m Complete central cutter plate <b>"UNIVERSAL" ESM</b> (requires kit L0058900)	69229036
				1.42 m Complete central cutter plate <b>"UNIVERSAL" ESM</b> (requires kit L0058900)	69229021
				1.02 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	L0066900
				1.22 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	69229037
				1.42 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	69229038
				Ballast for oil-immersed drive	L0105700
				Directional guides for semi-fine tooth cutter plate	69229098

\* (recommended for use in conjunction with directional guides 69229098).



# Accessories

Accessory			Optional accessory		
Front shovel					
	Front shovel L <b>100x40</b> cm <b>Quickfit coupling</b> With horizontal and vertical adjustment (requires QuickFit <b>69212006</b> )	<b>69209065</b>			
Snow thrower					
	Turbine L <b>60</b> cm <b>Two stages</b> Adjustable ejector chute <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	<b>L0026200</b>			
Front brush					
	Brush L <b>100xØ 35</b> cm With horizontal and vertical adjustment <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	<b>L0094200</b>			
Rotor type flail mower					
	Flail mower L <b>65</b> cm <b>24 'Y'</b> shaped knives Integral safety brake Adjustable flange Adjustable support roller PTO right-hand rotation <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	<b>L0091000</b>			
Mower					
	Mower L <b>65</b> cm <b>Single blade</b> Integral safety brake Adjustable and removable swivel wheels Adjustable lateral skids PTO right-hand rotation <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	<b>69209008</b>			
Trailer					
	Towed trailer with handlebar steering Load box dimensions <b>1.25x0.95</b> m Load box depth 30 cm Wheels 145x70-8" Max load capacity <b>300 kg</b> Pedal operated brake Parking handbrake <b>Dump box</b> Collapsible tailgate (not homologated for road use)	<b>L0018601</b>			
QuickFit					
	<b>QuickFit coupling</b>	<b>69212006</b>			
Front ballast					
	<b>12 kg</b> front ballast (requires installation kit <b>69202010A</b> )	<b>69209125</b>			

## Two wheel tractor for intensive use

### KAM 13 S



Designed for professional users, with a 3-speed gearbox and differential, this machine, in its various different engine versions, is designed to take the most punishing conditions in its stride. Very versatile and safe, with its EHS system for easy clutch control this machine combines ruggedness and exceptional ease of handling. Individual user requirements can be met with the generous range of accessories available.



Ergonomically positioned easy action levers for differential locking and reverse shuttle.



The EHS system ensures ease of use, reduced effort and the maximum simplification for users.



QuickFit coupling that allows the operator to change the equipment without using tools.



GIUCIARO DESIGN

### KAM 13 S

Power supply	Engine	Model	Displacement	Power	Starting	Notes	Code
gasoline	<b>Emak</b>	K 1100 H	302 cm <sup>3</sup>	8.4 HP	recoil start		68329238E5
gasoline	<b>HONDA</b>	GX 270 OHV	270 cm <sup>3</sup>	8.4 HP	recoil start		68329209E5
gasoline	<b>HONDA</b>	GX 340 OHV	389 cm <sup>3</sup>	10.7 HP	recoil start		68329210E5
gasoline	<b>KOHLER</b>	CH 395 OHV	277 cm <sup>3</sup>	9.5 HP	recoil start		68329203E5
diesel	<b>KOHLER</b>	KD 15 350	349 cm <sup>3</sup>	7.5 HP	recoil start		68329227E5
diesel	<b>Emak</b>	K 9000 HD	441 cm <sup>3</sup>	9.2 HP	recoil start/ electric	battery supplied as standard	68329236E5A
diesel	<b>KOHLER</b>	KD 15 440	441 cm <sup>3</sup>	10.9 HP	recoil start		68329211E5
diesel	<b>KOHLER</b>	KD 15 440	441 cm <sup>3</sup>	10.9 HP	recoil start/ electric	battery supplied as standard	68329212E5

## Focus on accessories



**Rotor Ø 320, (80)-70-60-(50) cm**  
20 spikes  
**Quickfit included**  
Support wheel included  
(expandable to 80 cm with kit **69210231**)  
(can be reduced to 50 cm with kit **69210229**)  
Code **69219059**



**Turbine L 60 cm**  
**Two stages**  
Adjustable ejector chute  
**Quickfit coupling**  
(requires QuickFit **69212006**)  
Code **L0026200**



**Flail mower L 65 cm**  
**24 'Y' shaped knives**  
Integral safety brake  
Adjustable flange  
Adjustable support roller  
PTO right-hand rotation  
**Quickfit coupling**  
(requires QuickFit **69212006**)  
Code **L0091000**



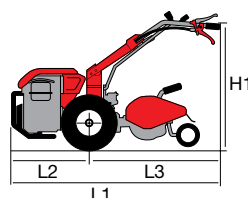
## WITH TWO WHEEL TRACTOR

**Gearbox/ Speed (km/h):**

**6-speed (3 forward + 3 reverse) with 5.00-10" wheels**

Speed (km/h)	1.26	1	1R	1.33
	2.64	2	2R	2.79
	4.37	3	3R	4.62

**Dimensions (mm)**



L1	1800
L2	690
L3	1110
H1	1470-630
W1	370
W2	800-400

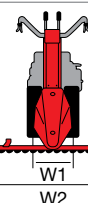
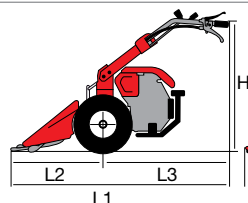
## WITH CUTTERBAR MOWER

**Gearbox/ Speed (km/h):**

**6-speed (3 forward + 3 reverse) with 5.00-10" wheels**

Speed (km/h)	1.33	1	1R	1.26
	2.79	2	2R	2.64
	4.62	3	3R	4.37

**Dimensions (mm)**




L1	1770
L2	900
L3	870
H1	1440-570
W1	370
W2	1420-950

Transmission	with oil-bath gearbox
Clutch	dry multidisc
Handlebars	with vertical and horizontal adjustment and 180° reversible, with vibration-damping device
Reverse gear	yes, with handlebar lever
Differential	yes
Brakes	yes
Power take-off	independent 973 rpm
Accessories installation	QuickFit (optional)
Towing hitch	yes
Cowling	yes
Weight	130 kg (with diesel engine, rotor and wheels)






























## KAM 13 S

Accessory			Optional accessory		
Rotors					
	Rotor Ø 280, <b>60-50-(40)</b> cm 16 spikes <b>Quickfit included</b> (can be reduced to 40 cm with kit <b>69210259</b> )	69219088		Support wheel	Z0020368
				Rear-mounted furrowing tool	L0009800
	Rotor Ø 320, (80)- <b>70-60-(50)</b> cm 20 spikes <b>Quickfit included</b> Support wheel included (expandable to 80 cm with kit <b>69210231</b> ) (can be reduced to 50 cm with kit <b>69210229</b> )	69219059		Rear-mounted furrowing tool	L0009800
	Rotor Ø 320, <b>80-70-60-(50)</b> cm 24 spikes <b>Quickfit included</b> Support wheel included (can be reduced to 50 cm with kit <b>69210229</b> )	69219054		Rear-mounted furrowing tool	L0009800
	Rotor Ø 320, (80)- <b>70-60-(50)</b> cm 20 spikes <b>Fixed coupling</b> Support wheel included (expandable to 80 cm with kit <b>69210231</b> ) (can be reduced to 50 cm with kit <b>69210229</b> )	69219065		Rear-mounted furrowing tool	L0009800

# Accessories

Accessory			Optional accessory		
Tyred wheels					
	Pair of tyred wheels 4.00x8" Fixed disc	69209025B		Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 50 mm	69209094
				Pair of snow chains	L1055015
	Pair of tyred wheels 4.00x10" Fixed disc	69200024A		Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 50 mm	69209094
				Pair of snow chains	L0021600
	Pair of tyred wheels 4.00x10" Adjustable disc	69209004B		Pair of 15 kg ballasts (not compatible with adjustable half-shafts)	69209099
				Pair of 15 kg ballasts (compatible with adjustable half-shafts)	69209075
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 50 mm	69209094
				Pair of snow chains	L0021600
	Pair of tyred wheels 5.00x10" Adjustable disc	69209003B		Pair of 15 kg ballasts (not compatible with adjustable half-shafts)	69209099
				Pair of 15 kg ballasts (compatible with adjustable half-shafts)	69209075
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 50 mm	69209094
				Pair of snow chains	L0030200
	Pair of tyred wheels 16-6.50x8" Fixed disc (requires pair of spacers L 50 mm 69209094)	69209012A		Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500

## KAM 13 S

Accessory			Optional accessory		
Steel wheels					
	Pair of steel wheels Ø 480x100 mm	69209067		Pair of width adjustment rings L 100 mm	L0040100
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 50 mm	69209094
Adjustable tool holder					
	Adjustable tool holder	L1055001A		Single share plough	Z0020102
				180° turnwrest plough	Z0020104
				Furrowing tool	Z0020133
				Fixed-tine cultivator	L0010200
				Potato digger	L0066400
Drives and Cutter plates					
	Oil-immersed drive	69229097A		0.95 m Complete central cutter plate <b>Semi-fine teeth</b>	69229084A*
				1.15 m Complete central cutter plate <b>Semi-fine teeth</b>	69229085A*
				1.27 m Complete central cutter plate <b>Semi-fine teeth</b>	69229086A*
				1.40 m Complete central cutter plate <b>Semi-fine teeth</b>	69229087A*
				0.95 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229068A
				1.15 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229069A
				1.27 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229070A
				1.40 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229071A
				1.22 m Complete central cutter plate <b>"UNIVERSAL" ESM</b> (requires kit L0058900)	69229036
				1.42 m Complete central cutter plate <b>"UNIVERSAL" ESM</b> (requires kit L0058900)	69229021
				1.02 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	L0066900
				1.22 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	69229037
				1.42 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	69229038
				Ballast for oil-immersed drive	L0105700
				Directional guides for semi-fine tooth cutter plate	69229098

\* (recommended for use in conjunction with directional guides 69229098).



# Accessories

Accessory			Optional accessory		
Front shovel					
	Front shovel <b>L 100x40</b> cm <b>Quickfit coupling</b> With horizontal and vertical adjustment (requires QuickFit <b>69212006</b> )	<b>69209065</b>			
Snow thrower					
	Turbine <b>L 60</b> cm <b>Two stages</b> Adjustable ejector chute <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	<b>L0026200</b>			
Front brush					
	Brush <b>L 100xØ 35</b> cm With horizontal and vertical adjustment <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	<b>L0094200</b>			
Rotor type flail mower					
	Flail mower <b>L 65</b> cm <b>24 'Y'</b> shaped knives Integral safety brake Adjustable flange Adjustable support roller PTO right-hand rotation <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	<b>L0091000</b>			
Mower					
	Mower <b>L 75</b> cm <b>Single blade</b> Integral safety brake Adjustable and removable swivel wheels Adjustable lateral skids PTO right-hand rotation <b>Quickfit coupling</b> (requires QuickFit <b>69212006</b> )	<b>69209007</b>			
Trailer					
	Towed trailer with handlebar steering Load box dimensions <b>1.25x0.95</b> m Load box depth <b>30</b> cm Wheels <b>145x70-8"</b> Max load capacity <b>300 kg</b> Pedal operated brake Parking handbrake <b>Dump box</b> Collapsible tailgate (not homologated for road use)	<b>L0018601</b>			
QuickFit					
	<b>QuickFit coupling</b>	<b>69212006</b>			
Front ballast					
	<b>12 kg</b> front ballast (requires installation kit <b>69202010A</b> )	<b>69209125</b>			

# Professional two wheel tractor

## MAK 17 S



Professional machine with power rating and features that recommend it for root crop harvesting and tillage duties on all terrain types. Combines exceptional ease of handling and versatility with the ability to work on all types of terrain safely, thanks to the self-locking differential and 5-speed gearbox.



The EHS system ensures ease of use, reduced effort and the maximum simplification for users.



Multidisc version supplied as standard with Giugiaro design cowling.



Two power take-offs, one independent two-speed PTO and one synchronised PTO.



## MAK 17 S

Power supply	Engine	Model	Displacement	Power	Starting	Notes	Code
gasoline	POWERED BY <b>HONDA</b>	GX 340 OHV	389 cm <sup>3</sup>	10.7 HP	recoil start	multidisc clutch	<b>68339118E5</b>
gasoline	<b>KOHLER</b>	CH 395 OHV	277 cm <sup>3</sup>	9.5 HP	recoil start/ electric	multidisc clutch/ battery supplied as standard	<b>68339114E5</b>
gasoline	<b>KOHLER</b>	CH 440 OHV	429 cm <sup>3</sup>	14.0 HP	recoil start/ electric	mono-disc clutch/ battery supplied as standard	<b>68339115E5</b>
diesel	<b>Emak</b>	K 9000 HD	441 cm <sup>3</sup>	9.2 HP	recoil start/ electric	multidisc clutch/ battery supplied as standard	<b>68339123E5A</b>
diesel	<b>KOHLER</b>	KD 15 440	441 cm <sup>3</sup>	10.9 HP	recoil start	multidisc clutch	<b>68339109E5</b>
diesel	<b>KOHLER</b>	KD 15 440	441 cm <sup>3</sup>	10.9 HP	recoil start/ electric	multidisc clutch/ battery supplied as standard	<b>68339108E5</b>
diesel	<b>KOHLER</b>	KD 15 440	441 cm <sup>3</sup>	10.9 HP	recoil start/ electric	mono-disc clutch/ lights/ battery supplied as standard	<b>68339110E5</b>
diesel	<b>LOMBARDINI</b> <small>A KOHLER COMPANY</small>	3LD510	505 cm <sup>3</sup>	12.2 HP	recoil start	mono-disc clutch	<b>68339111EN</b>
diesel	<b>LOMBARDINI</b> <small>A KOHLER COMPANY</small>	3LD510	505 cm <sup>3</sup>	12.2 HP	recoil start	mono-disc clutch	<b>68339111EX*</b>
diesel	<b>LOMBARDINI</b> <small>A KOHLER COMPANY</small>	3LD510	505 cm <sup>3</sup>	12.2 HP	electric	mono-disc clutch/ battery supplied as standard	<b>68339112EN</b>
diesel	<b>LOMBARDINI</b> <small>A KOHLER COMPANY</small>	3LD510	505 cm <sup>3</sup>	12.2 HP	electric	mono-disc clutch/ battery supplied as standard	<b>68339112EX*</b>
diesel	<b>LOMBARDINI</b> <small>A KOHLER COMPANY</small>	3LD510	505 cm <sup>3</sup>	12.2 HP	electric	mono-disc clutch/ lights/ battery supplied as standard	<b>68339113EN</b>
diesel	<b>LOMBARDINI</b> <small>A KOHLER COMPANY</small>	3LD510	505 cm <sup>3</sup>	12.2 HP	electric	mono-disc clutch/ lights/ battery supplied as standard	<b>68339113EX*</b>

\* Only extra CE.

## Focus on accessories



Rotor Ø 350, 80-65 cm  
16 spikes  
**Fixed coupling**  
Support wheel included  
Code **69219072**



**Single share plough**  
Code **Z0020102**



Flail mower **L 80 cm**  
**32 'Y'-shaped knives**  
Integral safety brake  
Adjustable flange  
Adjustable support roller  
PTO left-hand rotation  
**Fixed coupling**  
Code **69209120**



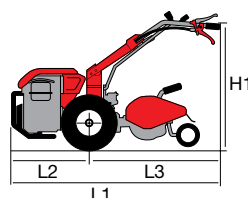
## WITH TWO WHEEL TRACTOR

**Gearbox/ Speed (km/h):**

**5-speed (4 forward + 1 reverse) with 6.50/80-12" wheels**

Speed (km/h)	1.08	1	1R	2.82
	2.02	2		
	3.61	3		
	7.91	4		

## Dimensions (mm)



L1	2180
L2	730
L3	1450
H1	600-1300
W1	420-510
W2	600-900

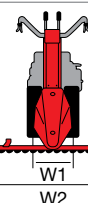
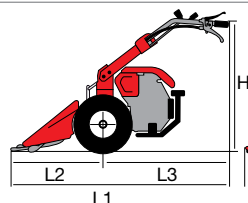
## WITH CUTTERBAR MOWER

**Gearbox/ Speed (km/h):**

**5-speed (4 forward + 1 reverse) with 6.50/80-12" wheels**

Speed (km/h)	1.08	1	1R	2.82
	2.02	2		
	3.61	3		
	7.91	4		

## Dimensions (mm)



L1	2185
L2	1125
L3	1060
H1	700-1300
W1	430-490
W2	1150-1600










Transmission	with oil-bath gearbox
Clutch	dry multidisc or mono-disc
Handlebars	with vertical and horizontal adjustment and 180° reversible, with vibration-damping device
Reverse gear	yes, with lever alongside gearbox
Differential	yes
Brakes	yes
Power take-off	2 power take-offs: one independent 2-speed PTO (1° 540 rpm - 2° 900 rpm) and one synchronised PTO
Accessories installation	with flange on PTO
Towing hitch	yes
Cowling	yes, with integral tool compartment/battery box
Weight	250 kg (with diesel engine, rotor and wheels)












## MAK 17 S

Accessory			Optional accessory		
Rotors for engines < 11 HP					
	Rotor Ø 320, (80)-70-60-(50) cm 20 spikes <b>Fixed coupling</b> Support wheel included (expandable to 80 cm with kit <b>69210231</b> ) (can be reduced to 50 cm with kit <b>69210229</b> )	69219069		Rear-mounted furrowing tool	L0009800
	Rotor Ø 320, 80-70-60-(50) cm 24 spikes <b>Fixed coupling</b> Support wheel included (can be reduced to 50 cm with kit <b>69210229</b> )	69219067		Rear-mounted furrowing tool	L0009800
Rotors for engines > 11 HP					
	Rotor Ø 350, 80-65 cm 20 spikes <b>Fixed coupling</b> Support wheel included	69219071		Rear-mounted furrowing tool	Z0020134
	Rotor Ø 350, 80-65 cm 16 spikes <b>Fixed coupling</b> Support wheel included	69219072		Rear-mounted furrowing tool	Z0020134

# Accessories

Accessory			Optional accessory		
Tyred wheels					
	Pair of tyred wheels 5.00x10" Adjustable disc	69209003B		Pair of <b>15 kg</b> ballasts (not compatible with adjustable half-shafts)	69209099
				Pair of <b>15 kg</b> ballasts (compatible with adjustable half-shafts)	69209075
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L <b>95 mm</b>	69209095
				Pair of snow chains	L0030200
	Pair of tyred wheels 5.00x12" Adjustable disc	69209002B		Pair of ballasts <b>25 kg</b> (compatible with adjustable half-shafts)	69209077
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L <b>95 mm</b>	69209095
	Pair of tyred wheels 6.5/80x12" Adjustable disc	69200038B		Pair of ballasts <b>25 kg</b> (compatible with adjustable half-shafts)	69209077
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L <b>95 mm</b>	69209095




## MAK 17 S

Accessory			Optional accessory		
Steel wheels					
	Pair of steel wheels Ø 570x125 mm	69209068		Pair of width adjustment rings L 100 mm	69209069
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L 95 mm	69209095
Adjustable tool holder					
	Adjustable tool holder	Z0020172		Single share plough	Z0020102
				180° turnwrest plough	Z0020104
				Furrowing tool	Z0020133
				Fixed-tine cultivator (not compatible with 5.00x10" wheels)	L0010200
				Potato digger (not compatible with 5.00x10" wheels)	L0066400
Drives and Cutter plates					
	Oil-immersed drive	L0101500A		1.15 m Complete central cutter plate Semi-fine teeth	69229085A*
				1.27 m Complete central cutter plate Semi-fine teeth	69229086A*
				1.40 m Complete central cutter plate Semi-fine teeth	69229087A*
				0.95 m Complete central cutter plate Special teeth Side protection discs	69229068A
				1.15 m Complete central cutter plate Special teeth Side protection discs	69229069A
				1.27 m Complete central cutter plate Special teeth Side protection discs	69229070A
				1.40 m Complete central cutter plate Special teeth Side protection discs	69229071A
				1.22 m Complete central cutter plate "UNIVERSAL" ESM (requires kit L0058900)	69229036
				Ballast for oil-immersed drive	L0105700
				Directional guides for semi-fine tooth cutter plate	69229098
Lighting					
	Supplementary worklight kit (versions with electric starting only)	69209113			

\* (recommended for use in conjunction with directional guides 69229098).



# Accessories

Accessory			Optional accessory		
Roller flail mower					
	Flail mower <b>L 80 cm</b> <b>32 'Y'-shaped knives</b> Integral safety brake Adjustable flange Adjustable support roller PTO left-hand rotation <b>Fixed coupling</b>	69209120			
Mower					
	Mower <b>L 75 cm</b> <b>Single blade</b> Integral safety brake Adjustable and removable swivel wheels Adjustable lateral skids PTO left-hand rotation <b>Fixed coupling</b>	69209121			
Front ballast					
	<b>12 kg</b> front ballast (requires installation kit <b>69202010A</b> ) <b>For multi-disc versions only</b>	69209125			

# Professional two wheel tractor

## MAK 18 S



Its characteristics of high power and reliability make this model perfect for farmers and ground care professionals. Combines exceptional ease of handling and versatility with the ability to work on all types of terrain safely, thanks to the self-locking differential and 5-speed gearbox. The powerful engines available for this model are exploited in full thanks to the reinforced half-shafts, while the large size final reduction gears on the axle ensure efficient transmission of the full engine power while increasing the machine's ground clearance.



Reinforced half-shafts with final reduction drives incorporated in the transmission assembly for more grip on difficult terrain.



Two power take-offs, one independent two-speed PTO and one synchronised PTO.



Accessories coupling by means of flange on the PTO.

## MAK 18 S

Power supply	Engine	Model	Displacement	Power	Starting	Notes	Code
gasoline	<b>KOHLER</b>	CH 440 OHV	429 cm <sup>3</sup>	14.0 HP	recoil start/ electric	mono-disc clutch/ battery supplied as standard	<b>68339159E5</b>
diesel	<b>LOMBARDINI</b> <small>A KOHLER COMPANY</small>	3LD510	505 cm <sup>3</sup>	12.2 HP	electric	mono-disc clutch/ lights/ battery supplied as standard	<b>68339150AEN</b>
diesel	<b>LOMBARDINI</b> <small>A KOHLER COMPANY</small>	3LD510	505 cm <sup>3</sup>	12.2 HP	electric	mono-disc clutch/ lights/ battery supplied as standard	<b>68339150EX*</b>
diesel	<b>KOHLER</b>	KD 330/2 two-cylinder	654 cm <sup>3</sup>	16.3 HP	electric	mono-disc clutch/ lights/ battery supplied as standard	<b>68339151AEN</b>
diesel	<b>KOHLER</b>	KD 330/2 two-cylinder	654 cm <sup>3</sup>	16.3 HP	electric	mono-disc clutch/ lights/ battery supplied as standard	<b>68339151EX*</b>
diesel	<b>KOHLER</b>	KD 425/2 two-cylinder	851 cm <sup>3</sup>	19.0 HP	electric	mono-disc clutch/ lights/ battery supplied as standard	<b>68339152AEN</b>
diesel	<b>KOHLER</b>	KD 425/2 two-cylinder	851 cm <sup>3</sup>	19.0 HP	electric	mono-disc clutch/ lights/ battery supplied as standard	<b>68339152EX*</b>

\* Only extra CE.

## Focus on accessories



**Rotor Ø 350, 80-65 cm**  
16 spikes  
**Fixed coupling**  
Support wheel  
Code **69219072**



**Adjustable tool holder**  
Code **Z0020172**



**180° turnwrest plough**  
Code **Z0020107**



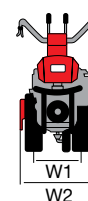
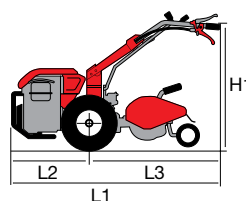
## WITH TWO WHEEL TRACTOR

**Gearbox/ Speed (km/h):**

**5-speed (4 forward + 1 reverse) with 6.50/80-12" wheels**

Speed (km/h)	1.08	1	1R	2.82
	2.02	2		
	3.61	3		
	7.91	4		

## Dimensions (mm)



L1	2180
L2	730
L3	1450
H1	600-1300
W1	420-510
W2	600-900

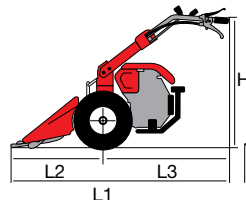
## WITH CUTTERBAR MOWER

**Gearbox/ Speed (km/h):**

**5-speed (4 forward + 1 reverse) with 6.50/80-12" wheels**

Speed (km/h)	1.08	1	1R	2.82
	2.02	2		
	3.61	3		
	7.91	4		

## Dimensions (mm)



L1	2185
L2	1125
L3	1060
H1	700-1300
W1	450-510
W2	1150-1600



















Transmission	with oil-bath gearbox
Clutch	dry mono-disc
Handlebars	with vertical and horizontal adjustment and 180° reversible, with vibration-damping device
Reverse gear	yes, with lever alongside gearbox
Differential	yes
Brakes	yes
Power take-off	2 power take-offs one independent 2-speed PTO (1° 540 rpm - 2° 900 rpm) and one synchronised PTO
Accessories installation	flanged to PTO
Towing hitch	yes
Cowling	yes, with integral tool compartment/battery box
Weight	270 kg (with diesel engine, rotor and wheels)



## MAK 18 S

Accessory			Optional accessory		
Rotors					
	Rotor Ø 350, <b>80-65</b> cm 20 spikes <b>Fixed coupling</b> Support wheel	69219071		Rear-mounted furrowing tool	Z0020134
	Rotor Ø 350, <b>80-65</b> cm 16 spikes <b>Fixed coupling</b> Support wheel	69219072		Rear-mounted furrowing tool	Z0020134
	Rotor Ø 350, <b>80-65</b> cm 20 spikes <b>Fixed coupling with tiller shaft adapter</b> Support wheel (compatible with 6.50/80-15" wheels only)	69219074		Rear-mounted furrowing tool	Z0020134
	Rotor Ø 350, <b>80-65</b> cm 16 spikes <b>Fixed coupling with tiller shaft adapter</b> Support wheel (compatible with 6.50/80-15" wheels only)	69219075		Rear-mounted furrowing tool	Z0020134
	Rotor Ø 350, <b>90-65</b> cm 16 spikes <b>Fixed coupling with tiller shaft adapter</b> Support wheel (compatible with 6.50/80-15" wheels only)	69219079		Rear-mounted furrowing tool	Z0020134
Tyred wheels					
	Pair of tyred wheels <b>6.5/80x12"</b> <b>Adjustable disc</b>	69200038B		Pair of ballasts <b>25</b> kg (compatible with adjustable half-shafts)	69209077
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L <b>95</b> mm	69209095
	Pair of tyred wheels <b>6.5/80x15"</b> <b>Adjustable disc</b>	69209013		Pair of ballasts 25 kg	69209077
Steel wheels					
	Pair of steel wheels Ø <b>570x125</b> mm	69209068		Pair of width adjustment rings L <b>100</b> mm	69209069
				Screw-adjustable half-shafts	69209105
				5-hole adjustable half-shafts	L0059500
				Pair of spacers L <b>95</b> mm	69209095

# Accessories

Accessory			Optional accessory		
Adjustable tool holder					
	Adjustable tool holder	Z0020172		Single share plough	Z0020102
				180° turnwrest plough	Z0020107
				Furrowing tool	Z0020133
				Fixed-tine cultivator	L0010200
				Potato digger	L0066400
Drives and Cutter plates					
	Oil-immersed drive	L0101500A		1.15 m Complete central cutter plate Semi-fine teeth	69229085A*
				1.27 m Complete central cutter plate Semi-fine teeth	69229086A*
				1.40 mt Complete central cutter plate Semi-fine teeth	69229087A*
				0.95 m Complete central cutter plate Special teeth Side protection discs	69229068A
				1.27 m Complete central cutter plate Special teeth Side protection discs	69229070A
				1.40 m Complete central cutter plate Special teeth Side protection discs	69229071A
				1.22 m Complete central cutter plate "UNIVERSAL" ESM (requires kit L0058900)	69229036
				Ballast for oil-immersed drive	L0105700
				Directional guides for semi-fine tooth cutter plate	69229098
Roller flail mower					
	Flail mower L 80 cm 32 'Y'-shaped knives Integral safety brake Adjustable flange Adjustable support roller PTO left-hand rotation Fixed coupling	69209120			
Mower					
	Mower L 75 cm Single blade Integral safety brake Adjustable and removable swivel wheels Adjustable lateral skids PTO left-hand rotation Fixed coupling	69209121			

\* (recommended for use in conjunction with directional guides 69229098).

Professional machines for shredding and chopping grass, shoots and green waste generally, powerful and reliable for finishing jobs.

## PROFESSIONAL



### NTS 65



### NTS 80



## TECHNICAL DATA



gearbox



power



knives



working width





# Flail mowers



# Professional flail mower

## NTS 65



High-performance, reliable model designed for the needs of farmers and professional operators. Grass, shoots, twigs and low vegetation, scrub and stubble: this machine stops at nothing, assuring excellent cleaning of ground, orchards and vineyards thanks to its highly efficient and powerful cutting unit and wide working width.



Independent steering clutches on the driving wheels, with wheel lock, which make the machine extremely easy to handle.







The handlebars have 4 vertical adjustment positions and 5 horizontal adjustment positions.



The front directional wheels can be locked to facilitate work on sloping surfaces.

## NTS 65

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	 Emak	K 1100 H	302 cm <sup>3</sup>	8.4 HP	recoil start	68249023E5
 gasoline	 POWERED by HONDA	GX 340 OHV	389 cm <sup>3</sup>	10.7 HP	recoil start	68249009E5

## Focus on accessories



**Pair of steel wheels  
+ Width adjustment ring**  
Steel wheels Ø 410 mm  
Code **68242001**



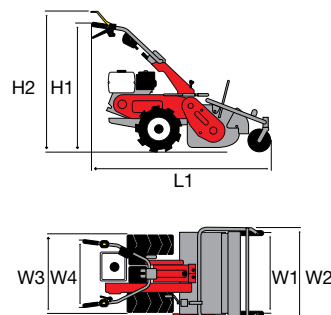
## Gearbox/ Speed (km/h):

**4-speed (3 forward + 1 reverse) with 16/6.50-8" wheels**

Speed (km/h)



## Dimensions (mm)



L1	1657
H1	1092
H2	1216
W1	700
W2	814
W3	670
W4	550

Transmission	with oil-bath gearbox
Clutch	belt with tensioner
Steering	with independent steering clutches and wheel lock
Handlebars	with vertical and horizontal adjustment
Cutting unit	rotor with 38 'Y' shaped knives
Working width	65 cm
Cutting height	20 to 80 mm, adjustable with handle
Service brake	with automatic engagement
Front wheels	swivel with lock
Rear wheels	16/6.50-8"
Weight	173.5 kg



# Professional flail mower

## NTS 80



High-performance, extremely reliable machine offering the same professional performance as the smaller model, with a more powerful engine and greater cutting width for excellent results under all conditions.



Rotor with powerful and sturdy 'Y' shaped knives to cut and shred grass and clippings efficiently with no risk of impact or damage.



The gear selection lever on the handlebar is simple to operate.



The service and parking brake engages automatically when the clutch is released, to prevent accidental hazardous movements.

## NTS 80

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	POWERED by <b>HONDA</b>	GX 340 OHV	389 cm <sup>3</sup>	10.7 HP	recoil start	68249022E5

## Focus on accessories



**Pair of steel wheels  
+ Width adjustment ring**  
Steel wheels Ø 410 mm  
Code **68242001**



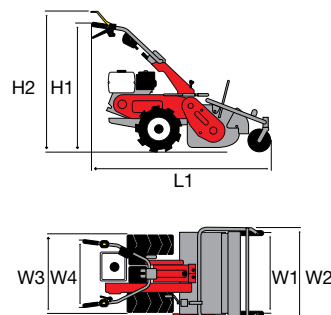
## Gearbox/ Speed (km/h):

**4-speed (3 forward + 1 reverse) with 16/6.50-8" wheels**

Speed (km/h)



## Dimensions (mm)



L1	1657
H1	1092
H2	1216
W1	850
W2	964
W3	670
W4	550

Transmission	with oil-bath gearbox
Clutch	belt with tensioner
Steering	with independent steering clutches and wheel lock
Handlebars	with vertical and horizontal adjustment
Cutting unit	rotor with 46 'Y' shaped knives
Working width	80 cm
Cutting height	20 to 80 mm, adjustable with handle
Service brake	with automatic engagement
Front wheels	swivel with lock
Rear wheels	16/6.50-8"
Weight	175 kg

Easy to steer and handle for a precise cut and consistently high performance in all working conditions.

## HOME



### FC 110



## INTENSIVE



### FC 130 S

**NEW**



## PROFESSIONAL



### FC 30



### FC 120 S

**NEW**



### FC 20



### FC 150 S

**NEW**



### FC 145 S

**NEW**



### FC 150 MS

**NEW**



## TECHNICAL DATA



## OPTIONAL







# Cutterbar mowers



# Cutterbar mower for home use

## FC 110



Configured for a centrally mounted cutterbar, this lightweight and manoeuvrable machine is designed to meet the requirements of non-professional users.



Handlebars with vertical adjustment to allow the operator to assume the correct posture while working.



Handlebar mounted on vibration dampers.



Integral QuickFit coupling that allows the operator to change the equipment without using tools.

## FC 110

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	 Emak	K 700 H OHV	182 cm <sup>3</sup>	5.4 HP	recoil start	68939002E5

## Focus on accessories



**Pair of treaded wheels**  
3.50x6"  
Fixed disc  
Code **69209107**



**Cam drive**  
Code **69222009**



**Complete central cutter plate**  
0.92 m  
Special teeth  
Code **69222011**



## Gearbox/ Speed (km/h):

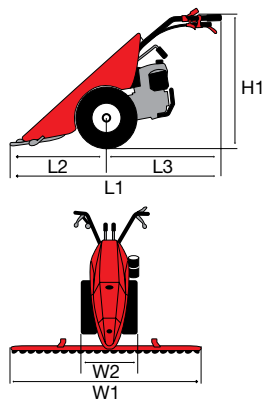
**1-speed (1 forward) with 3.50-6" wheels**

Speed (km/h)

2.30

1

## Dimensions (mm)



L1	1540
L2	740
L3	800
H1	990
W1	920
W2	400

Transmission	with oil-bath gearbox
Clutch	direct engagement
Handlebars	with vertical adjustment and anti-vibration device
Reverse gear	no
Differential	no
Brakes	no
Power take-off	independent 1017 rpm
Accessories installation	QuickFit supplied as standard
Weight	70 kg (with wheels, bar drive and cutter)



## Cutterbar mower for home use

### FC 120 S

NEW



The machine is primarily used to cut grass and fodder crops and for general field clearing duties. Features such as the vertically and horizontally adjustable handlebars, the QuickFit system, and transmission available also with oil-immersed drive reflect the high level of attention paid to the operator.



Handlebar-mounted PTO control.







Handlebars with vertical and horizontal adjustment and vibration-damping device to assure more comfortable handling.



Integral QuickFit coupling that allows the operator to change the equipment without using tools.

### FC 120 S

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	POWERED BY <b>HONDA</b>	GX 160 OHV	163 cm <sup>3</sup>	4.8 HP	recoil start	68959004E5
 gasoline	 <b>Emak</b>	K 800 H OHV	182 cm <sup>3</sup>	5.7 HP	recoil start	68959000E5
 gasoline	<b>KOHLER</b>	CH 270 OHV	208 cm <sup>3</sup>	7.0 HP	recoil start	68959006E5

## Focus on accessories



**Cam drive**  
Code **69229092**



**Complete central cutter plate**  
**0.92 m**  
**Special teeth**  
Code **69222011**



**Brush L 80-Ø 35 cm**  
With horizontal and vertical  
adjustment  
Code **L0070000**



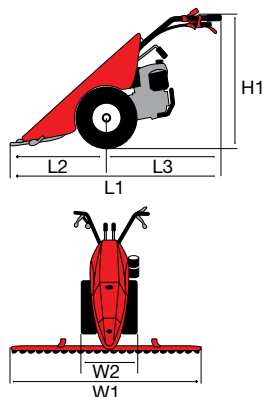
## Gearbox/ Speed (km/h):

**2-speed (1 forward + 1 reverse) with 4.00-8" wheels**

Speed (km/h)

3.07 1 1R 1.18


















## Dimensions (mm)



L1	1465
L2	600
L3	865
H1	1150
W1	920-1220
W2	465

Transmission	with oil-bath gearbox
Clutch	dry multidisc
Handlebars	with vertical and horizontal adjustment and anti-vibration device
Reverse gear	no
Differential	no
Brakes	yes
Power take-off	independent 1004 rpm
Accessories installation	QuickFit supplied as standard
Weight	80 kg (with wheels, bar drive and cutter)

## FC 120 S

Accessory			Optional accessory		
Tyred wheels					
	Pair of tyred wheels 4.00x8" Fixed disc	69209025B		Pair of snow chains	L1055015
Steel wheels					
	Pair of steel wheels Ø 480x100 mm (installable directly on the hubs or in combination with wheels 69209025B)	69209067		Pair of width adjustment rings L 100 mm	L0040100
Drives and Cutter plates					
	Cam drive	69229092		0.92 m Complete central cutter plate Special teeth	69222011
	Oil-immersed drive	69229032		0.95 m Complete central cutter plate Semi-fine teeth	69229084A*
				1.15 m Complete central cutter plate Semi-fine teeth	69229085A*
				0.95 m Complete central cutter plate Special teeth Side protection discs	69229068A
				1.15 m Complete central cutter plate Special teeth Side protection discs	69229069A
				1.22 m Complete central cutter plate "UNIVERSAL" ESM (requires kit L0058900)	69229036
				1.02 m Complete central cutter plate "KOMUNAL" ESM (requires kit L0058900)	L0066900
				1.22 m Complete central cutter plate "KOMUNAL" ESM (requires kit L0058900)	69229037
				Directional guides for semi-fine tooth cutter plate	69229098
	Ballast for oil-immersed drive	L0105700			
Front brush					
	Brush L 80-Ø 35 cm With horizontal and vertical adjustment	L0070000			

\* (recommended for use in conjunction with directional guides 69229098).







## Cutterbar mower for intensive use

### FC 130 S

NEW



Designed for use in small and medium-size plots, this machine combines practicality and lasting reliability, making it ideal for demanding home users and smallholders. The wide range of accessories available, including cutter bars, brushes and snow throwers, meets the requirements also of people seeking a multifunction machine that's safe and easy to use.



Handlebars with vertical and horizontal adjustment and vibration-damping device for more comfortable use of the machine.



The EHS system ensures ease of use, reduced effort and the maximum simplification for users.



Practical forward/reverse shuttle enables the operator to select reverse quickly from any speed. This feature makes the machine exceptionally manoeuvrable in various different work activities.

### FC 130 S

Power supply	Engine	Model	Displacement	Power	Starting	Code
gasoline	POWERED BY <b>HONDA</b>	GX 200 OHV	196 cm <sup>3</sup>	5.8 HP	recoil start	68949009E5
gasoline	<b>Emak</b>	K 800 H OHV	182 cm <sup>3</sup>	5.7 HP	recoil start	68949007E5

## Focus on accessories



**Brush L 100xØ 35 cm**  
With horizontal and vertical adjustment  
**Quickfit coupling**  
Code **L0094200**



**Oil-immersed drive**  
Code **69229097A**



**Front shovel L 100x40 cm**  
**Quickfit coupling**  
With horizontal and vertical adjustment  
Code **69209065**



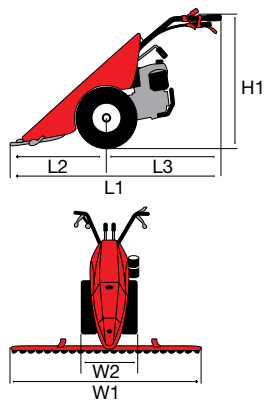
## Gearbox/ Speed (km/h):

**4-speed (2 forward + 2 reverse) with 4.00-8" wheels**

Speed (km/h)

1.11	1	1R	1.05
2.32	2	2R	2.20

## Dimensions (mm)


















L1	1670
L2	900
L3	770
H1	1250-300
W1	1270-950
W2	450

Transmission	with oil-bath gearbox
Clutch	dry multidisc
Handlebars	with vertical and horizontal adjustment and vibration-damping device
Reverse gear	yes, with handlebar lever
Differential	no
Brakes	yes
Power take-off	independent 973 rpm
Accessories installation	QuickFit supplied as standard
Weight	105 kg (with wheels, bar drive and cutter)



## FC 130 S

Accessory			Optional accessory		
Tyred wheels					
	Pair of tyred wheels 4.00x8" Fixed disc	69209025B		Pair of snow chains	L1055015
	Pair of tyred wheels 4.00x10" Fixed disc (requires spacers 69209112)	69200024A		Pair of snow chains	L0021600
Steel wheels					
	Pair of steel wheels Ø 480x100 mm (requires spacers 69209112)	69209067		Pair of width adjustment rings L 100 mm	L0040100
Drives and Cutter plates					
	Oil-immersed drive	69229097A		0.95 m Complete central cutter plate Semi-fine teeth	69229084A*
				1.15 m Complete central cutter plate Semi-fine teeth	69229085A*
				1.27 m Complete central cutter plate Semi-fine teeth	69229086A*
				0.95 m Complete central cutter plate Special teeth Side protection discs	69229068A
				1.15 m Complete central cutter plate Special teeth Side protection discs	69229069A
				1.27 m Complete central cutter plate Special teeth Side protection discs	69229070A
				1.22 m Complete central cutter plate "UNIVERSAL" ESM (requires kit L0058900)	69229036
				1.02 m Complete central cutter plate "KOMUNAL" ESM (requires kit L0058900)	L0066900
				1.22 m Complete central cutter plate "KOMUNAL" ESM (requires kit L0058900)	69229037
				Ballast for oil-immersed drive	L0105700
				Directional guides for semi-fine tooth cutter plate	69229098

\* (recommended for use in conjunction with directional guides 69229098).

# Accessories

Accessory			Optional accessory		
Front shovel					
	Front shovel <b>L 100x40</b> cm <b>Quickfit coupling</b> With horizontal and vertical adjustment	69209065			
Snow thrower					
	Turbine <b>L 60</b> cm <b>Two stages</b> Adjustable ejector chute <b>Quickfit coupling</b>	L0026200			
Front brush					
	Brush <b>L 100xØ 35</b> cm With horizontal and vertical adjustment <b>Quickfit coupling</b>	L0094200			
Roller flail mower					
	Flail mower <b>L 50</b> cm <b>16 “Y”</b> shaped knives Integral safety brake Adjustable flange Adjustable support roller PTO right-hand rotation <b>Quickfit coupling</b>	69209119			
Mower					
	Mower <b>L 65</b> cm <b>Single blade</b> Integral safety brake Adjustable and removable swivel wheels Adjustable lateral skids PTO right-hand rotation <b>Quickfit coupling</b>	69209008			

# Cutterbar mower for intensive use

## FC 20



Configured for a centrally mounted cutterbar, this lightweight and easy-to-handle machine was designed to satisfy the needs of semi-professional users. It is used mainly for cutting grass and forage crops and for field cleaning. Details including the height-adjustable handlebars, rapid forward/reverse shuttle, Quickfit system and optional oil-bath transmission all demonstrate the close attention paid to operator comfort and safety.



Rapid forward/reverse shuttle, controlled from the handlebar: used to invert the operating direction without touching the gears.



Integral QuickFit coupling that allows the operator to change the equipment without using tools.



Handlebars with vertical adjustment and vibration-damping device to assure more comfortable handling.

## FC 20

Power supply	Engine	Model	Displacement	Power	Starting	Notes	Code
gasoline	<b>Emak</b>	K 900 H OHV	252 cm <sup>3</sup>	7.0 HP	recoil start		<b>68919006X5</b>
gasoline	<b>POWERED by HONDA</b>	GX 270 OHV	270 cm <sup>3</sup>	8.4 HP	recoil start		<b>68919064X5</b>
gasoline	<b>KOHLER</b>	CH 395 OHV	277 cm <sup>3</sup>	9.5 HP	recoil start		<b>68919070X5</b>
diesel	<b>Emak</b>	K 7000 HD	349 cm <sup>3</sup>	6.7 HP	recoil start	as standard with ballast for oil-immersed drive	<b>68919013X5</b>



## Focus on accessories



**Oil-immersed drive**  
Code **69229025A**



**Front shovel L 100x40 cm**  
**Quickfit coupling**  
With horizontal and vertical adjustment  
Code **69209065**



**Brush L 100xØ 35 cm**  
With horizontal and vertical adjustment  
**Quickfit coupling**  
Code **L0094200**



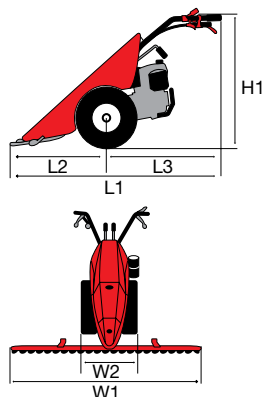
## Gearbox/ Speed (km/h):

**7-speed (4 forward + 3 reverse) with 4.00-8" wheels**

Speed (km/h)

1.05	1	1R	1.11
2.20	2	2R	2.32
3.63	3	3R	3.83
11.38	4		
























## Dimensions (mm)




















L1	1660 (1665)
L2	900 (950)
L3	760
H1	1250-400
W1	950-1450
W2	437

Transmission	with oil-bath gearbox
Clutch	dry multidisc
Handlebars	with vertical adjustment and anti-vibration device
Reverse gear	yes, with handlebar lever
Differential	no
Brakes	no
Power take-off	independent 973 rpm
Accessories installation	QuickFit supplied as standard
Weight	115 kg (with wheels, bar drive and cutter)

## FC 20

Accessory			Optional accessory		
Tyred wheels					
	Pair of tyred wheels 4.00x8" Fixed disc	69209025B		Pair of spacers <b>L 50</b> mm	69209094
				Pair of spacers <b>L 130</b> mm for fitting twin wheels	69209097
				Pair of snow chains	L0021600
	Pair of tyred wheels 4.00x10" Fixed disc	69200024A		Pair of spacers <b>L 50</b> mm	69209094
				Pair of spacers <b>L 130</b> mm for fitting twin wheels	69209097
				Pair of snow chains	L0021600
	Pair of tyred wheels 4.00x10" Adjustable disc	69209004B		Pair of spacers <b>L 50</b> mm	69209094
				Pair of spacers <b>L 130</b> mm for fitting twin wheels	69209097
				Pair of tyre crampons <b>10"</b>	L0033800
				Pair of snow chains	L0021600
	Pair of tyred wheels 5.00x10" Adjustable disc	69209003B		Pair of spacers <b>L 50</b> mm (required for DIESEL engines)	69209094
				Pair of spacers <b>L 150</b> mm for fitting twin wheels	69209098
				Pair of snow chains	L0030200
	Pair of tyred wheels 16-6.50/8" Fixed disc	69209012A		Pair of spacers <b>L 50</b> mm (required for assembly)	69209094
	Pair of tyred wheels 18-9.50/8" Fixed disc	69209104		Pair of spacers <b>L 100</b> mm (required for assembly)	69209103
Steel wheels					
	Pair of steel wheels Ø 480x100 mm	69209067		Pair of width adjustment rings <b>L 100</b> mm	L0040100

# Accessories

Accessory		Optional accessory			
Drives and Cutter plates					
	Oil-immersed drive	69229025A		0.95 m Complete central cutter plate Semi-fine teeth	69229084A*
				1.15 m Complete central cutter plate Semi-fine teeth	69229085A*
				1.27 m Complete central cutter plate Semi-fine teeth	69229086A*
				1.40 m Complete central cutter plate Semi-fine teeth	69229087A*
				0.95 m Complete central cutter plate Special teeth Side protection discs	69229068A
				1.15 m Complete central cutter plate Special teeth Side protection discs	69229069A
				1.27 m Complete central cutter plate Special teeth Side protection discs	69229070A
				1.40 m Complete central cutter plate Special teeth Side protection discs	69229071A
				1.22 m Complete central cutter plate "UNIVERSAL" ESM (requires kit L0058900)	69229036
				1.42 m Complete central cutter plate "UNIVERSAL" ESM (requires kit L0058900)	69229021
				1.02 m Complete central cutter plate "KOMUNAL" ESM (requires kit L0058900)	L0066900
				1.22 m Complete central cutter plate "KOMUNAL" ESM (requires kit L0058900)	69229037
				1.42 m Complete central cutter plate "KOMUNAL" ESM (requires kit L0058900)	69229038
				Directional guides for semi-fine tooth cutter plate	69229098
				Ballast for mechanical drive	L0105500
				Ballast for oil-immersed drive	L0105700

\* (recommended for use in conjunction with directional guides **69229098**).



## FC 20

Accessory			Optional accessory		
Front shovel					
	Front shovel <b>L 100x40 cm</b> <b>Quickfit coupling</b> With horizontal and vertical adjustment	69209065			
Snow thrower					
	Turbine <b>L 60 cm</b> <b>Two stages</b> Adjustable ejector chute <b>Quickfit coupling</b>	L0026200			
Front brush					
	Brush <b>L 100xØ 35 cm</b> With horizontal and vertical adjustment <b>Quickfit coupling</b>	L0094200			
Rotor type flail mower					
	Flail mower <b>L 65 cm</b> <b>24 “Y” shaped knives</b> Integral safety brake Adjustable flange Adjustable support roller PTO right-hand rotation <b>Quickfit coupling</b>	L0091000			
Mower					
	Mower <b>L 75 cm</b> <b>Single blade</b> Integral safety brake Adjustable and removable swivel wheels Adjustable lateral skids PTO right-hand rotation <b>Quickfit coupling</b>	69209007			



# Cutterbar mower for intensive use

## FC 145 S

NEW



Safety, ergonomics and styling. Every detail is aimed at assuring safe and accurate work operations: with features such as the adjustable height handlebars, rapid reverse shuttle, QuickFit system and transmission with oil-immersed drive, all reflecting the painstaking attention dedicated to the operator.



Ergonomic reverse shuttle with selector lever on the handlebars: allows the direction of travel to be changed without having to change gear.



Integral QuickFit coupling that allows the operator to change the equipment without using tools.



Handlebars with vertical adjustment and vibration-damping device for enhanced operator comfort.

## FC 145 S

Power supply	Engine	Model	Displacement	Power	Starting	Notes	Code
gasoline	<b>HONDA</b>	GX 160 OHV	163 cm <sup>3</sup>	4.8 HP	recoil start		68919210E5
gasoline	<b>Emak</b>	K 900 H OHV	252 cm <sup>3</sup>	7.0 HP	recoil start		68919212E5
gasoline	<b>KOHLER</b>	CH 270 OHV	208 cm <sup>3</sup>	7.0 HP	recoil start		68919204E5
gasoline	<b>HONDA</b>	GX 270 OHV	270 cm <sup>3</sup>	8.4 HP	recoil start		68919201E5
gasoline	<b>KOHLER</b>	CH 395 OHV	277 cm <sup>3</sup>	9.5 HP	recoil start		68919206E5
diesel	<b>Emak</b>	K 7000 HD	349 cm <sup>3</sup>	6.7 HP	recoil start	as standard with ballast for oil-immersed drive	68919214E5



## Focus on accessories



**Oil-immersed drive**  
Code **69229097A**



**Front shovel L 100x40 cm**  
**Quickfit coupling**  
With horizontal and vertical adjustment  
Code **69209065**



**Brush L 100xØ 35 cm**  
With horizontal and vertical adjustment  
**Quickfit coupling**  
Code **L0094200**



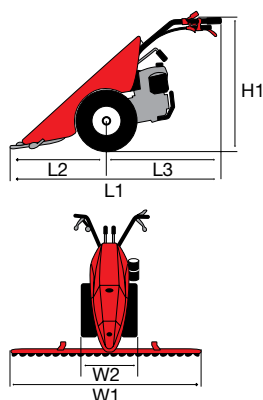
## Gearbox/ Speed (km/h):

**6-speed (3 forward + 3 reverse) with 4.00-8" wheels**

Speed (km/h)

1.05	1	1R	1.11
2.20	2	2R	2.32
3.63	3	3R	3.83
























## Dimensions (mm)




















L1	1660 (1665)
L2	900 (950)
L3	760
H1	1250-400
W1	950-1450
W2	437

Transmission	with oil-bath gearbox
Clutch	dry multidisc
Handlebars	with vertical adjustment and anti-vibration device
Reverse gear	yes, with handlebar lever
Differential	no
Brakes	yes
Power take-off	independent 973 rpm
Accessories installation	QuickFit supplied as standard
Weight	115 kg (with wheels, bar drive and cutter)

## FC 145 S

Accessory			Optional accessory		
Tyred wheels					
	Pair of tyred wheels 4.00x8" Fixed disc	69209025B		Pair of spacers <b>L 50</b> mm	69209094
				Pair of spacers <b>L 130</b> mm for fitting twin wheels	69209097
				Pair of snow chains	L0021600
	Pair of tyred wheels 4.00x10" Fixed disc	69200024A		Pair of spacers <b>L 50</b> mm	69209094
				Pair of spacers <b>L 130</b> mm for fitting twin wheels	69209097
				Pair of snow chains	L0021600
	Pair of tyred wheels 4.00x10" Adjustable disc	69209004B		Pair of spacers <b>L 50</b> mm	69209094
				Pair of spacers <b>L 130</b> mm for fitting twin wheels	69209097
				Pair of tyre crampons <b>10"</b>	L0033800
				Pair of snow chains	L0021600
	Pair of tyred wheels 5.00x10" Adjustable disc	69209003B		Pair of spacers <b>L 50</b> mm (required for DIESEL engines)	69209094
				Pair of spacers <b>L 150</b> mm for fitting twin wheels	69209098
				Pair of snow chains	L0030200
	Pair of tyred wheels 16-6.50/8" Fixed disc	69209012A		Pair of spacers <b>L 50</b> mm (required for assembly)	69209094
	Pair of tyred wheels 18-9.50/8" Fixed disc	69209104		Pair of spacers <b>L 100</b> mm (required for assembly)	69209103
Steel wheels					
	Pair of steel wheels Ø 480x100 mm	69209067		Pair of width adjustment rings <b>L 100</b> mm	L0040100

# Accessories

Accessory			Optional accessory		
Drives and Cutter plates					
	Oil-immersed drive	69229097A		0.95 m Complete central cutter plate <b>Semi-fine teeth</b>	69229084A*
				1.15 m Complete central cutter plate <b>Semi-fine teeth</b>	69229085A*
				1.27 m Complete central cutter plate <b>Semi-fine teeth</b>	69229086A*
				1.40 m Complete central cutter plate <b>Semi-fine teeth</b>	69229087A*
				0.95 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229068A
				1.15 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229069A
				1.27 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229070A
				1.40 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229071A
				1.22 m Complete central cutter plate <b>“UNIVERSAL” ESM</b> (requires kit <b>L0058900</b> )	69229036
				1.42 m Complete central cutter plate <b>“UNIVERSAL” ESM</b> (requires kit <b>L0058900</b> )	69229021
				1.02 m Complete central cutter plate <b>“KOMUNAL” ESM</b> (requires kit <b>L0058900</b> )	L0066900
				1.22 m Complete central cutter plate <b>“KOMUNAL” ESM</b> (requires kit <b>L0058900</b> )	69229037
				1.42 m Complete central cutter plate <b>“KOMUNAL” ESM</b> (requires kit <b>L0058900</b> )	69229038
				Directional guides for semi-fine tooth cutter plate	69229098
				Ballast for mechanical drive	L0105500
				Ballast for oil-immersed drive	L0105700

\* (recommended for use in conjunction with directional guides 69229098).



## FC 145 S

Accessory			Optional accessory		
Front shovel					
	Front shovel <b>L 100x40</b> cm <b>Quickfit coupling</b> With horizontal and vertical adjustment	69209065			
Snow thrower					
	Turbine <b>L 60</b> cm <b>Two stages</b> Adjustable ejector chute <b>Quickfit coupling</b>	L0026200			
Front brush					
	Brush <b>L 100xØ 35</b> cm With horizontal and vertical adjustment <b>Quickfit coupling</b>	L0094200			
Rotor type flail mower					
	Flail mower <b>L 65</b> cm <b>24 “Y”</b> shaped knives Integral safety brake Adjustable flange Adjustable support roller PTO right-hand rotation <b>Quickfit coupling</b>	L0091000			
Mower					
	Mower <b>L 75</b> cm <b>Single blade</b> Integral safety brake Adjustable and removable swivel wheels Adjustable lateral skids PTO right-hand rotation <b>Quickfit coupling</b>	69209007			







# Professional cutterbar mower

## FC 30



The model FC 30 completes the semi-professional range: this is the ideal machine for mowing grass and forage crops or cleaning in open fields. With an excellent combination of power and easy handling, this cutterbar mower is fitted with independently controlled brakes as standard.



Independent brakes on each wheel supplied as standard.









Practical forward/reverse shuttle enables the operator to change quickly into reverse gear at any speed.



Differential supplied as standard to allow the formation of windrows even when working on a gradient.

## FC 30

Power supply	Engine	Model	Displacement	Power	Starting	Notes	Code
 gasoline	 Emak	K 1100 H	302 cm <sup>3</sup>	8.4 HP	recoil start		68919003X5
 gasoline	 HONDA	GX 270 OHV	270 cm <sup>3</sup>	8.4 HP	recoil start		68919035X5
 diesel	 Emak	K 7000 HD	349 cm <sup>3</sup>	6.7 HP	recoil start	as standard with ballast for oil-immersed drive	68919008X5



## Focus on accessories



**Oil-immersed drive**  
Code **69229025A**



**Complete central cutter plate**  
**1.15 m**  
**Special teeth**  
**Side protection discs**  
Code **69229069A**



**Turbine L 60 cm**  
**Two stages**  
**Adjustable ejector chute**  
**Quickfit coupling**  
Code **L0026200**



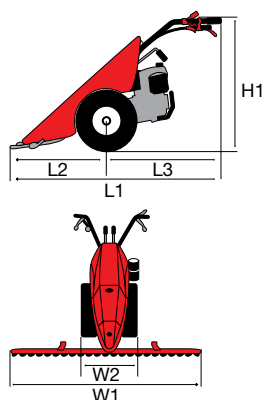
## Gearbox/ Speed (km/h):

**7-speed (4 forward + 3 reverse) with 4.00-10" wheels**

Speed (km/h)

1.20	1	1R	1.27
2.57	2	2R	2.66
4.17	3	3R	4.41
13.05	4		

## Dimensions (mm)





















L1	1660 (1665)
L2	900 (950)
L3	760
H1	1255-405
W1	900-1600
W2	445-586

Transmission	with oil-bath gearbox
Clutch	dry multidisc
Handlebars	with vertical adjustment and anti-vibration device
Reverse gear	yes, with handlebar lever
Differential	yes
Brakes	yes
Power take-off	independent 973 rpm
Accessories installation	QuickFit supplied as standard
Weight	135 kg (with wheels, bar drive and cutter)

## FC 30

Accessory			Optional accessory		
Tyred wheels					
	Pair of tyred wheels 4.00x10" Fixed disc	69200024A		Pair of spacers <b>L 50</b> mm	69209094
				Pair of spacers <b>L 130</b> mm for fitting twin wheels	69209097
				Pair of snow chains	L0021600
	Pair of tyred wheels 4.00x10" Adjustable disc	69209004B		Pair of spacers <b>L 50</b> mm	69209094
				Pair of spacers <b>L 130</b> mm for fitting twin wheels	69209097
				Pair of tyre crampons <b>10"</b>	L0033800
				Pair of snow chains	L0021600
	Pair of tyred wheels 5.00x10" Adjustable disc	69209003B		Pair of spacers <b>L 50</b> mm (required for DIESEL engines)	69209094
				Pair of spacers <b>L 150</b> mm for fitting twin wheels	69209098
				Pair of snow chains	L0030200
	Pair of tyred wheels 18-9.50/8" Fixed disc	69209104		Pair of spacers <b>L 100</b> mm (required for assembly)	69209103
Steel wheels					
	Pair of steel wheels Ø 480x100 mm	69209067		Pair of width adjustment rings <b>L 100</b> mm	L0040100

# Accessories

Accessory		Optional accessory			
Drives and Cutter plates					
	Oil-immersed drive	69229025A		0.95 m Complete central cutter plate <b>Semi-fine teeth</b>	69229084A*
				1.15 m Complete central cutter plate <b>Semi-fine teeth</b>	69229085A*
				1.27 m Complete central cutter plate <b>Semi-fine teeth</b>	69229086A*
				1.40 m Complete central cutter plate <b>Semi-fine teeth</b>	69229087A*
				1.60 m Complete central cutter plate <b>Semi-fine teeth</b>	69229093A*
				0.95 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229068A
				1.15 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229069A
				1.27 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229070A
				1.40 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229071A
				1.22 m Complete central cutter plate <b>"UNIVERSAL" ESM</b> (requires kit L0058900)	69229036
				1.42 m Complete central cutter plate <b>"UNIVERSAL" ESM</b> (requires kit L0058900)	69229021
				1.02 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	L0066900
				1.22 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	69229037
				1.42 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	69229038
				Directional guides for semi-fine tooth cutter plate	69229098
				Ballast for mechanical drive	L0105500
				Ballast for oil-immersed drive	L0105700

\* (recommended for use in conjunction with directional guides 69229098).



## FC 30

Accessory			Optional accessory		
Front shovel					
	Front shovel <b>L 100x40</b> cm <b>Quickfit coupling</b> With horizontal and vertical adjustment	69209065			
Snow thrower					
	Turbine <b>L 60</b> cm <b>Two stages</b> Adjustable ejector chute <b>Quickfit coupling</b>	L0026200			
Front brush					
	Brush <b>L 100xØ 35</b> cm With horizontal and vertical adjustment <b>Quickfit coupling</b>	L0094200			
Rotor type flail mower					
	Flail mower <b>L 65</b> cm <b>24 “Y” shaped knives</b> Integral safety brake Adjustable flange Adjustable support roller PTO right-hand rotation <b>Quickfit coupling</b>	L0091000			
Mower					
	Mower <b>L 75</b> cm <b>Single blade</b> Integral safety brake Adjustable and removable swivel wheels Adjustable lateral skids PTO right-hand rotation <b>Quickfit coupling</b>	69209007			





# Professional cutterbar mower

## FC 150 S

NEW



**Safety, ergonomics, versatility.** The ideal machine for cutting grass and forage crops in open field conditions and for clearing activities. With the optimal combination of power and manageability, this cutterbar mower is equipped as standard with independently controlled brakes and differential.



Independently controlled brakes as standard with parking function.



Practical reverse shuttle to select reverse gear rapidly at any speed.



Differential supplied as standard to allow the formation of windrows even when working on a gradient.

## FC 150 S

Power supply	Engine	Model	Displacement	Power	Starting	Notes	Code
gasoline	<b>Emak</b>	K 1100 H	302 cm <sup>3</sup>	8.4 HP	recoil start		<b>68919256E5</b>
gasoline	<b>HONDA</b>	GX 270 OHV	270 cm <sup>3</sup>	8.4 HP	recoil start		<b>68919251E5</b>
gasoline	<b>KOHLER</b>	CH 395 OHV	277 cm <sup>3</sup>	9.5 HP	recoil start		<b>68919260E5</b>
diesel	<b>Emak</b>	K 7000 HD	349 cm <sup>3</sup>	6.7 HP	recoil start	as standard with ballast for oil-immersed drive	<b>68919258E5</b>
diesel	<b>LOMBARDINI</b> <small>A KOHLER COMPANY</small>	KD 15 350	349 cm <sup>3</sup>	7.5 HP	recoil start		<b>68919254E5</b>



## Focus on accessories



**Oil-immersed drive**  
Code **69229097A**



**Complete central cutter plate**  
**1.15 m**  
**Special teeth**  
**Side protection discs**  
Code **69229069A**



**Turbine L 60 cm**  
**Two stages**  
**Adjustable ejector chute**  
**Quickfit coupling**  
Code **L0026200**



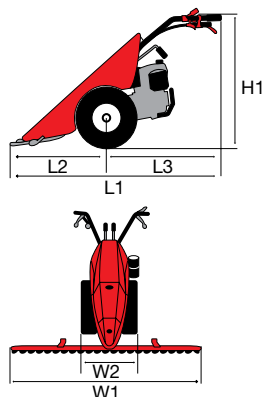
## Gearbox/ Speed (km/h):

**6-speed (3 forward + 3 reverse) with 4.00-10" wheels**

Speed (km/h)

1.20	1	1R	1.27
2.57	2	2R	2.66
4.17	3	3R	4.41


## Dimensions (mm)





















L1	1660 (1665)
L2	900 (950)
L3	760
H1	1255-405
W1	900-1600
W2	445-586

Transmission	with oil-bath gearbox
Clutch	dry multidisc
Handlebars	with vertical adjustment and anti-vibration device
Reverse gear	yes, with handlebar lever
Differential	yes
Brakes	yes
Power take-off	independent 973 rpm
Accessories installation	QuickFit supplied as standard
Weight	135 kg (with wheels, bar drive and cutter)

## FC 150 S

Accessory			Optional accessory		
Tyred wheels					
	Pair of tyred wheels 4.00x10" Fixed disc	69200024A		Pair of spacers <b>L 50 mm</b>	69209094
				Pair of spacers <b>L 130 mm</b> for fitting twin wheels	69209097
				Pair of snow chains	L0021600
	Pair of tyred wheels 4.00x10" Adjustable disc	69209004B		Pair of spacers <b>L 50 mm</b>	69209094
				Pair of spacers <b>L 130 mm</b> for fitting twin wheels	69209097
				Pair of tyre crampons <b>10"</b>	L0033800
				Pair of snow chains	L0021600
	Pair of tyred wheels 5.00x10" Adjustable disc	69209003B		Pair of spacers <b>L 50 mm</b> (required for DIESEL engines)	69209094
				Pair of spacers <b>L 150 mm</b> for fitting twin wheels	69209098
				Pair of snow chains	L0030200
	Pair of tyred wheels 18-9.50/8" Fixed disc	69209104		Pair of spacers <b>L 100 mm</b> (required for assembly)	69209103
Steel wheels					
	Pair of steel wheels Ø 480x100 mm	69209067		Pair of width adjustment rings <b>L 100 mm</b>	L0040100

# Accessories

Accessory		Optional accessory	
Drives and Cutter plates			
	Oil-immersed drive	69229097A	 0.95 m Complete central cutter plate <b>Semi-fine teeth</b> 69229084A*
			 1.15 m Complete central cutter plate <b>Semi-fine teeth</b> 69229085A*
			 1.27 m Complete central cutter plate <b>Semi-fine teeth</b> 69229086A*
			 1.40 m Complete central cutter plate <b>Semi-fine teeth</b> 69229087A*
			 1.60 m Complete central cutter plate <b>Semi-fine teeth</b> 69229093A*
			 0.95 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b> 69229068A
			 1.15 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b> 69229069A
			 1.27 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b> 69229070A
			 1.40 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b> 69229071A
			 1.22 m Complete central cutter plate <b>“UNIVERSAL” ESM</b> (requires kit <b>L0058900</b> )69229036
			 1.42 m Complete central cutter plate <b>“UNIVERSAL” ESM</b> (requires kit <b>L0058900</b> )69229021
			 1.02 m Complete central cutter plate <b>“KOMUNAL” ESM</b> (requires kit <b>L0058900</b> )L0066900
			 1.22 m Complete central cutter plate <b>“KOMUNAL” ESM</b> (requires kit <b>L0058900</b> )69229037
			 1.42 m Complete central cutter plate <b>“KOMUNAL” ESM</b> (requires kit <b>L0058900</b> )69229038
			 Directional guides for semi-fine tooth cutter plate69229098
			 Ballast for mechanical driveL0105500
			 Ballast for oil-immersed driveL0105700

\* (recommended for use in conjunction with directional guides **69229098**).



## FC 150 S

Accessory			Optional accessory		
Front shovel					
	Front shovel <b>L 100x40 cm</b> <b>Quickfit coupling</b> With horizontal and vertical adjustment	69209065			
Snow thrower					
	Turbine <b>L 60 cm</b> <b>Two stages</b> Adjustable ejector chute <b>Quickfit coupling</b>	L0026200			
Front brush					
	Brush <b>L 100xØ 35 cm</b> With horizontal and vertical adjustment <b>Quickfit coupling</b>	L0094200			
Rotor type flail mower					
	Flail mower <b>L 65 cm</b> <b>24 “Y” shaped knives</b> Integral safety brake Adjustable flange Adjustable support roller PTO right-hand rotation <b>Quickfit coupling</b>	L0091000			
Mower					
	Mower <b>L 75 cm</b> <b>Single blade</b> Integral safety brake Adjustable and removable swivel wheels Adjustable lateral skids PTO right-hand rotation <b>Quickfit coupling</b>	69209007			





# Professional cutterbar mower

## FC 150 MS

NEW



Safety, ergonomics, high performance. Professional model ideal for use on mountainous terrain, for cutting grass, hay making and field clearing duties: this is a powerful machine that's well suited to working on fields with a steep gradient.



Steering clutches with control in combination with the brakes allow the machine to turn 360° with a minimum turning radius.



Half-shafts with final reduction gears to improve grip on steep inclines.



Independently controlled brakes and parking brake.

## FC 150 MS

Power supply	Engine	Model	Displacement	Power	Starting	Notes	Code
gasoline	<b>Emak</b>	K 1100 H	302 cm <sup>3</sup>	8.4 HP	recoil start		<b>68919357E5</b>
gasoline	<b>KOHLER</b>	CH 395 OHV	277 cm <sup>3</sup>	9.5 HP	recoil start		<b>68919353E5</b>
gasoline	<b>HONDA</b>	GX 340 OHV	389 cm <sup>3</sup>	10.7 HP	recoil start		<b>68919351E5</b>
diesel	<b>Emak</b>	K 7000 HD	349 cm <sup>3</sup>	6.7 HP	recoil start	as standard with ballast for oil-immersed drive	<b>68919359E5</b>
diesel	<b>LOMBARDINI</b> <small>A KOHLER COMPANY</small>	KD 350	349 cm <sup>3</sup>	7.5 HP	recoil start		<b>68919355E5</b>



## Focus on accessories



**Oil-immersed drive**  
Code **69229097A**



**Complete central cutter plate 1.22 m**  
"KOMUNAL" ESM  
(requires kit **L0058900**)  
Code **69229037**



**Pair of steel wheels**  
Ø 480x100 mm  
Code **69209067**



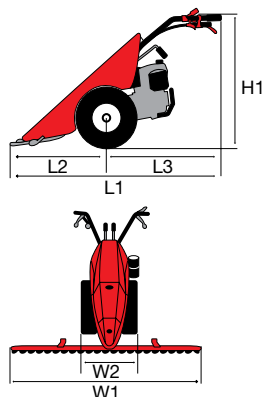
## Gearbox/ Speed (km/h):

**6-speed (3 forward + 3 reverse) with 5.00-10" wheels**

Speed (km/h)

1.27	1	1R	1.34
2.72	2	2R	2.82
4.42	3	3R	4.68

## Dimensions (mm)





















L1	1765
L2	950
L3	860
H1	1260-410
W1	1270-1620
W2	715-800

Transmission	with oil-bath gearbox
Clutch	dry multidisc
Handlebars	with vertical adjustment and anti-vibration device
Reverse gear	yes, with handlebar lever
Differential	yes, with steering clutches controlled in combination with the brakes
Brakes	yes
Power take-off	independent 973 rpm
Accessories installation	QuickFit supplied as standard
Weight	175 kg (with wheels, bar drive and cutter)

## FC 150 MS

Accessory			Optional accessory		
Tyred wheels					
	Pair of tyred wheels 4.00x10" Fixed disc	69200024A		Pair of spacers <b>L 50 mm</b>	69209094
				Pair of spacers <b>L 130 mm</b> for fitting twin wheels	69209097
				Pair of snow chains	L0021600
	Pair of tyred wheels 4.00x10" Adjustable disc	69209004B		Pair of spacers <b>L 50 mm</b>	69209094
				Pair of spacers <b>L 130 mm</b> for fitting twin wheels	69209097
				Pair of tyre crampons <b>10"</b>	L0033800
				Pair of snow chains	L0021600
	Pair of tyred wheels 5.00x10" Adjustable disc	69209003B		Pair of spacers <b>L 50 mm</b> (required for DIESEL engines)	69209094
				Pair of spacers <b>L 150 mm</b> for fitting twin wheels	69209098
				Pair of snow chains	L0030200
	Pair of tyred wheels 5.00x10" Fixed disc	69200023A		Pair of spacers <b>L 150 mm</b> for fitting twin wheels	69209098
				Pair of snow chains	L0030200
	Pair of tyred wheels 21-11.00/8" Fixed disc Pair of L 50 mm spacers included (69209094)	69200021A			
Steel wheels					
	Pair of steel wheels Ø 480x100 mm	69209067		Pair of width adjustment rings <b>L 100 mm</b>	L0040100

# Accessories

Accessory		Optional accessory			
Drives and Cutter plates					
	Oil-immersed drive	69229097A		0.95 m Complete central cutter plate <b>Semi-fine teeth</b>	69229084A*
				1.15 m Complete central cutter plate <b>Semi-fine teeth</b>	69229085A*
				1.27 m Complete central cutter plate <b>Semi-fine teeth</b>	69229086A*
				1.40 m Complete central cutter plate <b>Semi-fine teeth</b>	69229087A*
				1.60 m Complete central cutter plate <b>Semi-fine teeth</b>	69229093A*
				0.95 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229068A
				1.15 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229069A
				1.27 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229070A
				1.40 m Complete central cutter plate <b>Special teeth</b> <b>Side protection discs</b>	69229071A
				1.22 m Complete central cutter plate <b>"UNIVERSAL" ESM</b> (requires kit L0058900)	69229036
				1.42 m Complete central cutter plate <b>"UNIVERSAL" ESM</b> (requires kit L0058900)	69229021
				1.02 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	L0066900
				1.22 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	69229037
				1.42 m Complete central cutter plate <b>"KOMUNAL" ESM</b> (requires kit L0058900)	69229038
				Directional guides for semi-fine tooth cutter plate	69229098
				Ballast for mechanical drive	L0105500
				Ballast for oil-immersed drive	L0105700

\* (recommended for use in conjunction with directional guides 69229098).



## FC 150 MS

Accessory			Optional accessory		
Front shovel					
	Front shovel <b>L 100x40 cm</b> <b>Quickfit coupling</b> With horizontal and vertical adjustment	69209065			
Snow thrower					
	Turbine <b>L 60 cm</b> <b>Two stages</b> Adjustable ejector chute <b>Quickfit coupling</b>	L0026200			
Front brush					
	Brush <b>L 100xØ 35 cm</b> With horizontal and vertical adjustment <b>Quickfit coupling</b>	L0094200			
Rotor type flail mower					
	Flail mower <b>L 65 cm</b> <b>24 “Y” shaped knives</b> Integral safety brake Adjustable flange Adjustable support roller PTO right-hand rotation <b>Quickfit coupling</b>	L0091000			
Mower					
	Mower <b>L 75 cm</b> <b>Single blade</b> Integral safety brake Adjustable and removable swivel wheels Adjustable lateral skids PTO right-hand rotation <b>Quickfit coupling</b>	69209007			





Tough, compact and easy to handle,  
for moving bulky and heavy  
loads effortlessly across all kinds of terrain.

### HOME



#### NTR 340



### INTENSIVE



#### NTR 450



### PROFESSIONAL



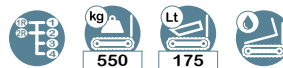
#### NTR 550



#### NTR 550 D



#### NTR 1750 D



### TECHNICAL DATA



gearbox

load  
capacity

manual  
dumping

hydraulic  
dumping

liquid  
capacity





# Transporters



## Transporter for home use

### NTR 340



Designed for demanding home users needing to transport all types of material, such as firewood, fruit crates, and other bulky items, this machine is practical and easy to handle on all types of terrain.



Handlebar-mounted gear selection lever.









Speed selection control lever.



Manual dump with automatic locking system.

### NTR 340

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline		750 DOV	161 cm <sup>3</sup>	3.8 HP	recoil start	<b>68719041</b>
 gasoline		GCVx 170 OHC	166 cm <sup>3</sup>	4.4 HP	recoil start	<b>68719049E5</b>
 gasoline		K 655 OHV	166 cm <sup>3</sup>	3.9 HP	recoil start	<b>68719045E5</b>

## Focus on accessories



**High sides kit**  
Code **68722010**



**Front shovel 85 cm**  
Code **69209071**



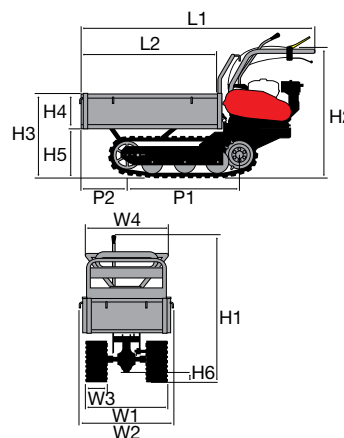
## Gearbox/ Speed (km/h):

**4-speed (2 forward + 2 reverse)**

Speed (km/h)

1.60	1	1R	1.40
3.60	2	2R	3.40

## Dimensions (mm)



L1	1530-1665
L2	925-1060
H1	965
H2	885
H3	570
H4	240
H5	330
H6	65
W1	590
W2	603-983
W3	170
W4	520-900
P1	690
P2	415-550

Transmission	with oil-bath gearbox
Clutch	belt, with automatic disengagement when the control lever is released
Brakes	with automatic engagement when clutch is released
Load capacity	350 kg
Loading surface	telescoping
Dumping	manual
Dump angle	45°
Steering	with independent control releases and brakes
Minimum steering radius	70 cm
Crawler contact surface	58 cm length – 17 cm width
Power take-off	no
Weight	140 kg



## Transporter for intensive use

### NTR 450



Designed to meet the needs of demanding users, this model stands out for its manoeuvrability, ruggedness, and generous load capacity. It is also equipped with a power take-off to drive accessories.



Belt clutch with automatic disengagement when the control lever is released.



Steering with independently controlled releases and brakes.



Protected, expandable brakes for working in extreme conditions.

### NTR 450

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	POWERED BY <b>HONDA</b>	GX 160 OHV	163 cm <sup>3</sup>	4.8 HP	recoil start	68729115E5

## Focus on accessories



**High sides kit**  
Code **68722003**



**Front shovel 85 cm**  
Code **69209071**



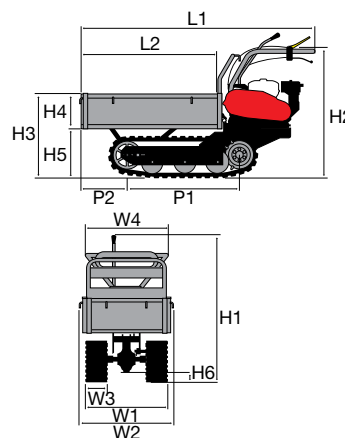
## Gearbox/ Speed (km/h):

**4-speed (3 forward + 1 reverse)**

Speed (km/h)



## Dimensions (mm)



L1	1670
L2	925-1060
H1	1020
H2	900
H3	590
H4	240
H5	339
H6	70
W1	620
W2	643
W3	-
W4	560-940
P1	785
P2	330

Transmission	with oil-bath gearbox
Clutch	belt, with automatic disengagement when the control lever is released
Brakes	with automatic engagement when clutch is released
Load capacity	450 kg
Loading surface	telescoping
Dumping	manual
Dump angle	50°
Steering	with independent control releases and brakes
Minimum steering radius	70 cm
Crawler contact surface	60 cm length - 18 cm width
Power take-off	yes, independent 2100 rpm
Weight	180 kg

# Professional transporter

## NTR 550



This is a powerful professional machine, rugged and compact, and ideal for use on all types of terrain. With high load capacity, this machine stands out for its versatility and the safety devices installed.



Independent PTO at 2100 rpm.




Steering with independently controlled releases and brakes.



Telescoping loading platform for transporting even the most bulky loads.

## NTR 550

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	POWERED by <b>HONDA</b>	GX 160 OHV	163 cm <sup>3</sup>	4.8 HP	recoil start	68729119E5



## Focus on accessories



**High sides kit**  
Code **68722004**



**Front shovel 85 cm**  
Code **69209071**

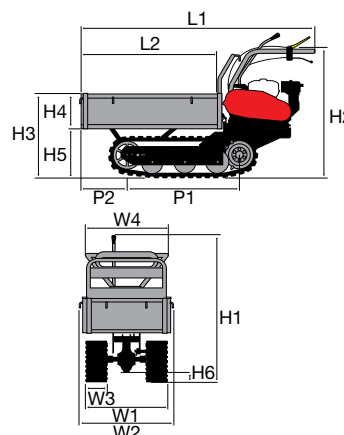


## Gearbox/ Speed (km/h):

### 6-speed (4 forward + 2 reverse)

Speed (km/h)	1.88	1	1R	1.86
	3.16	2	2R	3.13
	4.13	3		
	7.00	4		

## Dimensions (mm)



L1	1745
L2	1000-1180
H1	1020
H2	900
H3	590
H4	240
H5	339
H6	70
W1	620
W2	733
W3	-
W4	650-1100
P1	785
P2	405

Transmission	with oil-bath gearbox
Clutch	belt, with automatic disengagement when the control lever is released
Brakes	with automatic engagement when clutch is released
Load capacity	550 kg
Loading surface	telescoping
Dumping	manual
Dump angle	50°
Steering	with independent control releases and brakes
Minimum steering radius	70 cm
Crawler contact surface	60 cm length - 18 cm width
Power take-off	yes, independent 2100 rpm
Weight	200 kg

## Professional transporter

### NTR 550 D



Professional model offering a combination of high power, easy handling and high load capacity. The transporter is ideal for applications in the agricultural and building sectors. Tipping is hydraulically operated to provide the maximum possible assistance for the operator during material handling activities.



Lever-operated hydraulic tipping control valve.




Steering with independently controlled releases and brakes.



Protected, expandable brakes for working in extreme conditions.

### NTR 550 D

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	POWERED BY <b>HONDA</b>	GX 160 OHV	163 cm <sup>3</sup>	4.8 HP	recoil start	68729129E5

## Focus on accessories



**High sides kit**  
Code **68722004**



**Front shovel 85 cm**  
Code **69209071**

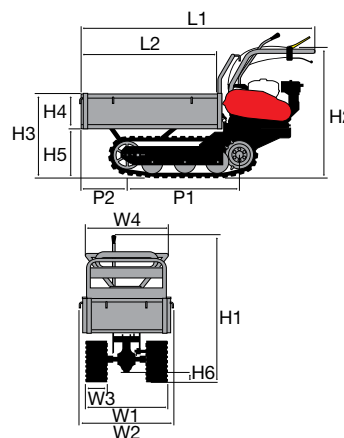


## Gearbox/ Speed (km/h):

### 6-speed (4 forward + 2 reverse)

Speed (km/h)	1.88	1	1R	1.86
	3.16	2	2R	3.13
	4.13	3		
	7.00	4		

## Dimensions (mm)



L1	1745
L2	1000-1180
H1	1020
H2	900
H3	590
H4	240
H5	339
H6	70
W1	620
W2	733
W3	-
W4	650-1100
P1	785
P2	405

Transmission	with oil-bath gearbox
Clutch	belt, with automatic disengagement when the control lever is released
Brakes	with automatic engagement when clutch is released
Load capacity	550 kg
Loading surface	telescoping
Dumping	hydraulic
Dump angle	50°
Steering	with independent control releases and brakes
Minimum steering radius	70 cm
Crawler contact surface	60 cm length - 18 cm width
Power take-off	yes, independent 2100 rpm
Weight	215 kg



## Professional transporter

### NTR 1750 D



Designed for professional use, this is a dumper model machine with hydraulically operated load box tipping: ideal for transporting firewood, stone, sand and other building materials. Its increased dumping angle - 60° - meets the need for creating piles and mounds. Suited to all kinds of terrain, even on slopes, this transporter has a small steering radius, making it easy to handle.



Lever-operated hydraulic tipping control valve.




Dumper loading platform with counter-frame for 60° dump angle.



Crawler tracks made of hard rubber, width 180 mm: assure excellent grip on all types of terrain.

### NTR 1750 D

Power supply	Engine	Model	Displacement	Power	Starting	Code
 gasoline	POWERED BY <b>HONDA</b>	GX 160 OHV	163 cm <sup>3</sup>	4.8 HP	recoil start	68729127E5

## Focus on accessories



**Front shovel 85 cm**  
Code **69209071**



**Extendable loading deck**  
550 kg payload  
Code **68722017**

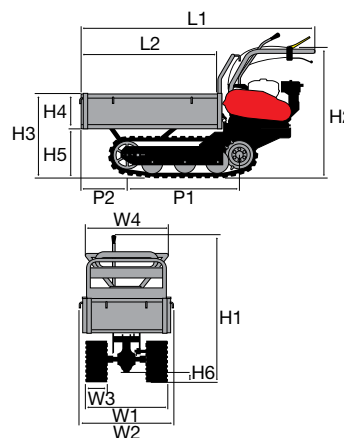


## Gearbox/ Speed (km/h):

### 6-speed (4 forward + 2 reverse)

Speed (km/h)	1.88	1	1R	1.86
	3.16	2	2R	3.13
	4.13	3		
	7.00	4		

## Dimensions (mm)



L1	1575
L2	915
H1	1020
H2	900
H3	515-725
H4	405
H5	320
H6	70
W1	622
W2	622
W3	-
W4	620
P1	785
P2	265

Transmission	with oil-bath gearbox
Clutch	belt, with automatic disengagement when the control lever is released
Brakes	with automatic engagement when clutch is released
Load capacity	550 kg - 175 L
Loading surface	fixed
Dumping	hydraulic
Dump angle	60°
Steering	with independent control releases and brakes
Minimum steering radius	70 cm
Crawler contact surface	60 cm length - 18 cm width
Power take-off	yes, independent 2100 rpm
Weight	215 kg

# Engine Power/Displacement Table

MAKER		MODEL	DISPLACEMENT (cm <sup>3</sup> )	POWER (HP)
		750 DOV	161	3.8
		GCVx 170 OHC	166	4.4
		GX 160 OHV	163	4.8
		GX 200 OHV	196	5.8
		GX 270 OHV	270	8.4
		GX 340 OHV	389	10.7
		K 300 H OHV	80	2.4
		K 655 OHV	166	3.9
		K 700 H OHV	182	5.4
		K 800 H OHV	182	5.7
		K 800 HC OHV	182	5.7
		K 800 HT OHV	182	5.7
		K 900 H OHV	252	7.0
		K 900 HR OHV	252	7.0
		K 1100 H	302	8.4
		K 7000 HD	349	6.7
		K 7000 HDR	349	6.7
		K 9000 HD	441	9.2
		CH 270 OHV	208	7.0
		CH 395 OHV	277	9.5
		CH 440 OHV	429	14.0
		KD 15 350	349	7.5
		KD 15 440	441	10.9
		KD 330/2	654	16.3
		KD 425/2	851	19.0
		3LD510	505	12.2

■ Power data measured in compliance with SAE J1349

● Power data measured in compliance with ISO 1585

N.B.: the power data provided are guideline, subject to change and not directly comparable if given in accordance with different measurement standards.







## General warnings

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Data and illustrations published in the catalogue are not binding where specifications of materials are concerned, given that these will always be subject to technical improvement. Technical specifications given in the catalogue are subject to change without notice, as also are directions relating to general use of the equipment.

Engine power data refers to the values declared by each manufacturer. These values are calculated in accordance with specific measurement standards (such as SAE J1940, SAE J1349, ISO 1585) and may be modified without prior notice.

Certain items are not available in all countries, or are available only on request.









Subject to modifications. Some models are available for certain markets only. - Cod. 3285002M - 2020



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