



we move earth



**PRODUCT
CATALOG**



ROAD LINE



CONSTRUCTION LINE



SNOW LINE



GREEN LINE



Over **30 models** of equipment applicable to **skid-steer loaders, backhoes, loaders, excavators** and **telehandlers**



GF Gordini is a company specialized in the design and production of **hydraulic equipment** for earthmoving machinery

GF Gordini attachments are designed and manufactured entirely in **Italy**, involving collaborators and companies specialized in machining the territory. This choice is functional to ensure product quality (real-time checks between designers and production, constant control of materials and processes) and flexibility and efficiency of service.

Thanks to the technological innovation and the undisputed quality of its products, GF Gordini is considered a leading company in the industry, and boasts a vast network of distributors and dealers, **all over the world**,

able to better manage every after-sales service. GF Gordini has always stood out for the flexible service and the speed of deliveries, expressions of a **customer-oriented** business mentality that are, concretely, the result of important structural investments, such as the **large warehouse**, which allows the spare parts service to meet urgent requests quickly, the **efficient technical department**, able to create different solutions and implement existing products day after day, and an **advanced management system** that can always manage stocks and spare parts in the best possible way.

we move earth



40 YEARS OF HISTORY

THE FOUNDATION

1985



Making use of the over thirty years of experience of his father Federico Gordini, **David Gordini**, the current sole director of the company, **founded GF Gordini**.

The company was founded by basing its production on the **backhoe**, of various sizes and applicable on loaders and agricultural tractors.

DEVELOPMENT

1990



The boom in the skid-steer loader **market** requires an expansion of the range. GF therefore, to meet the needs of the market, develops an ever wider range of equipment for different types of machines such as **sweepers, mixing buckets, forks, blades** of various types, which today represent the standard equipment of every skid steer loader that is sold.

GF WORLDWIDE

2000



With the entry into the new millennium and a **leadership** position in the world of equipment, **consolidated** on the **Italian territory**, GF begins a process of **internationalization**.

The **Intermat** fair in **Paris** in 2000 is the first foreign fair in which GF participates. In the same period the first **relations with foreign countries** began.

THE FIRST COLD PLANER

2000



Taking advantage of the great **experience** in the field of equipment and **oil dynamics** in general, GF further expands the range of products by adding **asphalt cold planers**: a technically **more complex** product than other equipment already produced for many years.

The **prototype** was built in 2000, after the many tests carried out, it was **presented at the Intermat expo** in Paris, and consequently the cold planer was put on the market. Today GF is a **solid manufacturing reality** with regard to this particular tool, and produces a wide range of cold planers for skid steers and excavators.

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ROAD LINE

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CONSTRUCTION LINE

32



The ever-increasing demand and **the need to have more space** in order to meet production needs, make it necessary **to invest in a new location**. The new headquarters were inaugurated in 2009, in the new industrial area of Bagnacavallo. **The excellent logistical position**, a few meters from the **A14 bis motorway** exit, the large spaces available, and also the beauty of the structure itself, mean that GF can grow rapidly by fully exploiting its production strength.

With the entry into the company of **Matteo**, son of Davide Gordini, **the third generation** of the family enters the scene.

To guarantee a **solid future** attached to the **original values** of the company is the fact that the other two sons of Davide Gordini, **Giacomo** and **Leonardo**, will subsequently join GF in 2022.

With the new **logo** change, the launch of the **new website** and a completely renewed marketing management, GF continues to **invest** fully in the **growth of the company** and its brand from all points of view.

In 2025 GF crosses the prestigious milestone of **40 years** of activity. Four decades and three generations of **continuous growth and technological innovations**. GF **exports** around **80%** thanks to the quality of products, the seriousness and competence of staff, the quality of **after sales** and the accuracy and speed of response, which are key characteristics of the company.

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Equipment for **road construction sites** of all kinds

- **Cold planers** for working asphalt and concrete surfaces
- **Wheel trenchers** for the construction of trenches, laying of fiber optic and cables in general
- **Sweepers** for the maintenance and cleaning of roads, yards, internal and external surfaces

SWEeper WITH COLLECTION BUCKET

SW SWH SX SPR

ANGLE BROOM

SA

INDUSTRIAL SWEeper

SI

EXCAVATOR SWEeper

SE

ROAD PLANER

CP

SWINGING PLANER

CPB

WHEEL TRENCHER

WEB

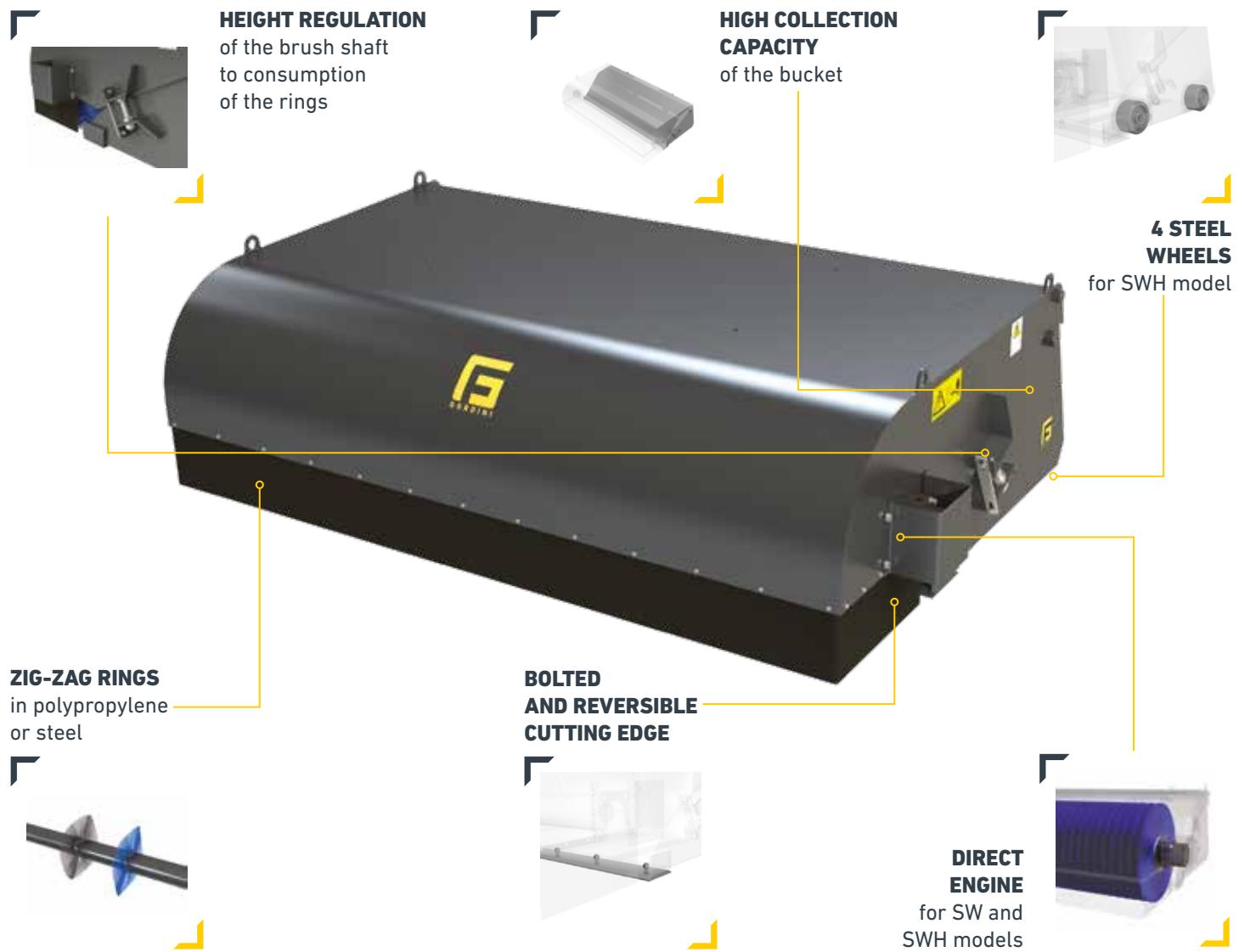
WHEEL TRENCHER

WE



ROAD LINE **SW SWH**

SWEeper WITH COLLECTION BUCKET



The sweeper with collection bucket is used to clean the **road, industrial or any type of surface**.

Thanks to its great **sturdiness** and **resistance** it is particularly used by companies in charge of road maintenance.

It is equipped with a **large capacity collection bucket**, the largest on the market in its category, and this represents a great advantage in terms of saving time during use.

The **brush roller** is made up, in the standard version, of polypropylene **zig-zag rings** with steel core; upon request, it is possible to make the brush roller composed of 50% polypropylene rings and 50% steel rings, alternating, for heavier jobs or the presence of wet asphalt, encrusted material, etc.

The brush roller is adjustable in height, to allow you to use the rings down to the last centimeter and consequently have **less maintenance costs**.

The **bolted and reversible cutting edge** allows it to be re-used once one side is worn.

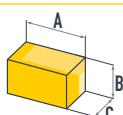
The **SWH version** is equipped with **4 steel wheels** placed on the bottom of the bucket to avoid the wear of the bucket itself.

On request, gravity or pressure **watering kits** are available, with 100L capacity tank and **sprayers**; in addition, the addition of a **right and/or left side brush** is available to collect the material even laterally, further increasing the sweeping capacity.



Model	SW 125 SWH 125	SW 140 SWH 140	SW 155 SWH 155	SW 168 SWH 168	SW 180 SWH 180	SW 210 SWH 210
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Technical data	um						
Working width	mm	1250	1400	1550	1680	1800	
Overall width	mm	1360	1510	1660	1790	1910	
Oil flow min-max	lt/min	25-35	30-40	35-50	50-90	180-240	
Oil pressure min-max	bar	160-240					
Weight mod. SW standard configuration	kg	285	350	362	380	400	
Weight mod. SWH standard configuration	kg	355	385	397	415	435	
Broom material	Replaceable sections in polypropylene						
Broom ring	Ø mm	550 x n. 28	550 x n. 31	550 x n. 34	550 x n. 37	550 x n. 39	
Optimal broom speed	rpm	120					
Collector bucket capacity	lt	380	430	480	520	560	
	ton	1,4-1,8	1,7-2,5	2,2-2,8	2,5-3,6	2,9-4,2	
	ton	1,5-2,5	2,2-3,0	2,8-3,8	3,4-4,8	4,0-5,2	
	ton	-	2,8-3,5	3,1-3,8	3,5-4,2	4,0-5,0	
	ton	-	-	-	-	4,0-5,0	



Overall size
in standard
configuration

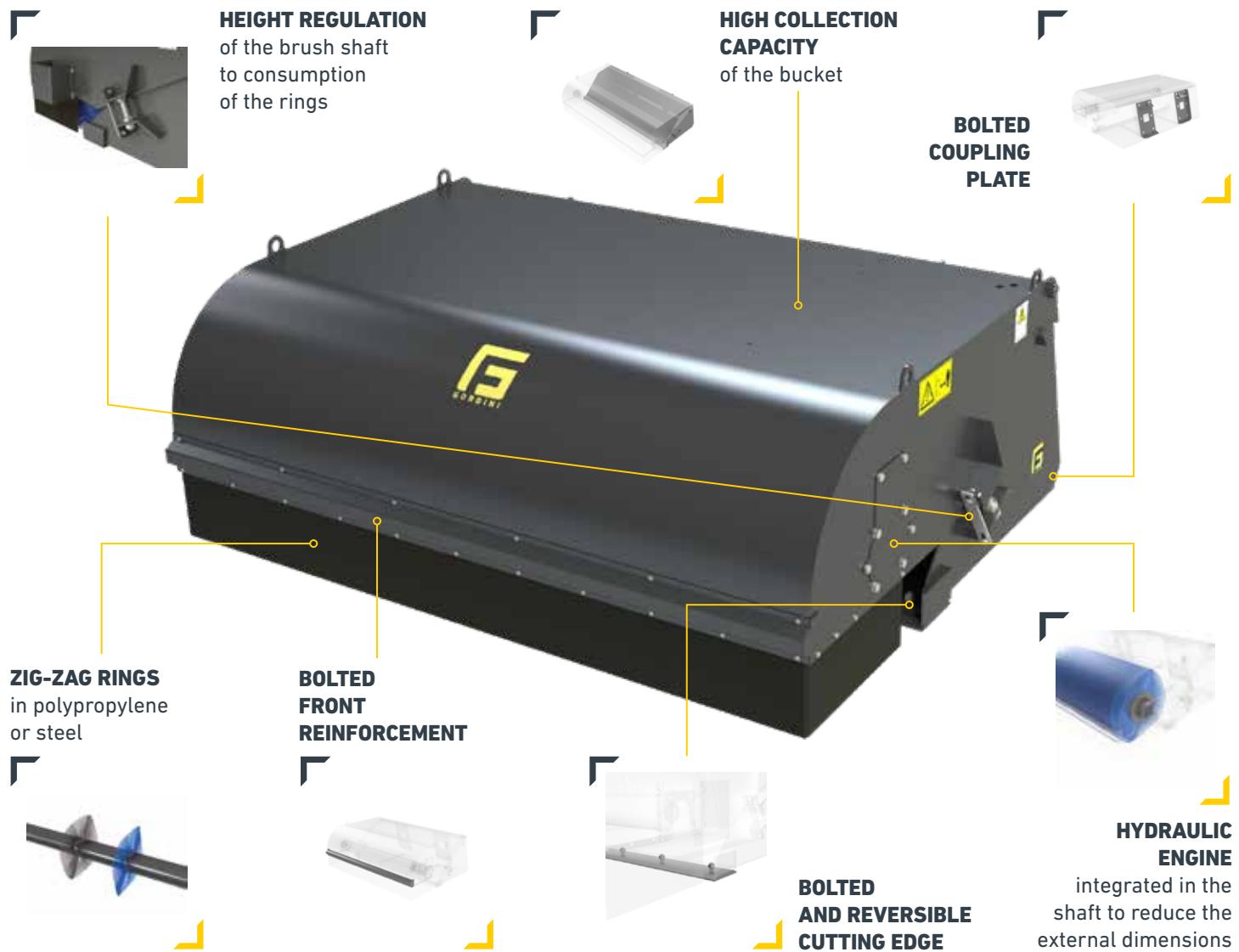
A cm	121	136	151	166	179	191	221
B cm	47	60	60	60	60	60	60
C cm	106	140	140	140	140	140	140

Mod. SW/SWH: hydraulic motor on the brush shaft. It eliminates the wear of the transmission parts. Collecting bucket with anti-wear steel cutting edge, bolted and reversible. Mod. SWH eliminates the wear of the bottom bucket with sturdy steel wheels for bucket sliding.



ROAD LINE **SX**

SWEeper WITH COLLECTION BUCKET



The sweeper with collection bucket is used to **clean** the **road surface, industrial or any type of surface**.

Thanks to its great strength and **resistance**, it is often used by companies responsible for road maintenance.

It is equipped with a **high capacity collection bucket**, the largest on the market in its category. This represents a great advantage in terms of saving time.

The **brush roller** is composed, in the standard version, of **zig-zag rings** in polypropylene with a steel core, with a diameter of Ø600mm; on request it is possible to make the brush roller composed of 50% polypropylene rings and 50% steel rings, alternating, for more demanding jobs or the presence of wet asphalt, encrusted material, etc.

The **brush roller** is **adjustable in height** to allow the rings to be used up to the last centimeter and, consequently, have **lower maintenance costs**.

The **bolted and reversible cutting edge** allows it to be re-used once one side is worn.

The **hydraulic engine** is **integrated** inside the body of the sweeper, this allows for minimum lateral bulk and therefore allows working flush with the wall.

Gravity or pressure **watering kits** are available **on request**, with a 100-liter tank and **sprayers**; furthermore, the addition of a right and/or left **side brush** is available to collect material also laterally, thus increasing the sweeping capacity.



Model	SX 168	SX 180	SX 210	SX 230
Technical data				
Working width	mm	1600	1720	2020
Bucket width	mm	1680	1800	2100
Oil flow min-max	lt/min	40-60		60-100
Oil pressure min-max	bar		190-250	
Weight standard configuration	kg	410	430	510
Broom ring	Ø mm	600 x n. 35	600 x n. 37	600 x n. 43
Collector bucket capacity	lt	520	560	640
	ton	2,5-3,6	2,9-4,2	3,5-4,8
	ton	3,4-4,8	4,0-5,2	4,6-5,5
	ton	3,5-4,2	4,0-5,0	4,5-5,2
	ton	-	4,0-5,0	4,5-6,0
Overall size in standard configuration				
		A cm	179	191
		B cm	70	70
		C cm	140	140



ROAD LINE **SPR**

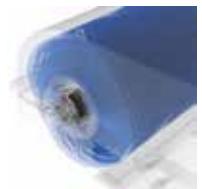
SWEeper WITH COLLECTION BUCKET



**HIGH COLLECTION
CAPACITY**
of the bucket



HEIGHT REGULATION
of the brush shaft
to consumption
of the rings



**DIRECT ENGINE
TRANSMISSION**
integrated in the
brush shaft



**FRONT
AND SIDE
REINFORCEMENTS**



ZIG-ZAG RINGS
in polypropylene
or steel



**BOLTED
AND REVERSIBLE
CUTTING EDGE**



The sweeper with collection bucket is used to **clean** the road, industrial or any type of surface.

Thanks to its great **sturdiness** and **resistance** it is particularly used by companies in charge of road maintenance.

It is equipped with a **large capacity collection bucket**, the largest on the market in its category, and this represents a great advantage in terms of saving time during use.

The **brush roller** is made up, in the standard version, of polypropylene **zig-zag rings** with steel core; upon request, it is possible to make the brush roller composed of 50% polypropylene rings and 50% steel rings, alternating, for heavier jobs or the presence of wet asphalt, encrusted material, etc.

The **brush roller is adjustable in height**, to allow you to use the rings down to the last centimeter and consequently have **less maintenance costs**.

The **bolt-on and reversible cutting edge** allows you to reuse it once one side is worn.

The transmission takes place with **two direct engines** on the brush shaft; the engines are **completely integrated** inside the brush shaft to reduce the external footprint and protect it from any impact or damage.

On request, **gravity or pressure watering kits** are available, with a **100 liter tank** and **sprayers** and **side brushes** right and/or left.



Model	SPR 240	SPR 260
Technical data	um	
Working width	mm	2400
Overall width	mm	2570
Oil flow min-max	lt/min	90-130
Oil pressure min-max	bar	190-250
Weight standard configuration	kg	950
Broom material		Replaceable sections in polypropylene
Broom ring	Ø mm	800 x n. 53
Optimal broom speed	rpm	120
Collector bucket capacity	lt	1300
	ton	7,5-12,0
	ton	8,0-10,0
	ton	7,5-12,0
		8,0-15,0
		8,0-12,0
		8,0-15,0

	Overall size in standard configuration	A cm B cm C cm	257 85 192	276 85 192
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ROAD LINE **SA** ANGLE BROOM



The angle broom is suitable for **cleaning large surfaces, roads or industrial floors** or for removing a **thin layers of fresh snow**.

It is not equipped with a collection bucket, but has an **angle of $\pm 30^\circ$** to the right or left, **allowing the swept material to be moved sideways**. The angle is manual in the standard versions; on request it can be hydraulic, by means of a solenoid valve.

The SA 155, SA 180 and SA 210 models are equipped, in the standard version, with a **floating system** that allows the brush roller to always remain in contact with the surface for **effective cleaning quality**.

The **brush roller** is made up, in the standard version, of

polypropylene zig-zag rings with steel core; upon request, it is possible to make the brush roller composed of 50% polypropylene rings and 50% steel rings, alternating, for heavier jobs or the presence of wet asphalt, encrusted material, etc.

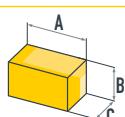
The **transmission** takes place, in all models, with a **direct engine on the brush shaft**. The engine (all models are equipped with two hydraulic motors) is completely integrated inside the brush shaft to **reduce the external dimensions** and protect it from any impact or damage.

On request, gravity or **pressure watering kits** are available, with 100L capacity tank and **sprayers**.



Model	SA 155	SA 180	SA 210	SA 220	SA 240	SA 260
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Technical data	um	Replaceable sections in polypropylene					
Working width	mm	1550	1800	2100	2200	2400	2600
Overall width	mm	1670	1920	2220	2330	2560	2760
Oil flow min-max	lt/min	30-40	30-50	50-90	70-100	90-130	100-140
Oil pressure min-max	bar	160-240		180-240		190-250	
Weight standard configuration	kg	280	310	360	620	660	690
Broom material		Replaceable sections in polypropylene					
Broom	Ø mm	550 x n. 34	550 x n. 39	550 x n. 46	800 x n. 49	800 x n. 53	800 x n. 58
Mechanical angle ⁽¹⁾		±30°					
A	mm	365	475	605	917	1011	1091
B	mm	975	1085	1215	1353	1447	1527
C	mm	1340	1560	1820	2270	2458	2618
	ton	2,0-2,8	2,3-3,5	3,5-4,8	-	-	-
	ton	2,0-3,0	2,8-4,4	4,0-5,6	5,8-8,0	7,5-12,0	
	ton	2,0-3,5	2,9-4,5	4,2-6,2	7,0-9,0	8,0-10,0	
	ton	-	4,0-5,0	4,5-6,0	5,5-8,0	7,5-12,0	

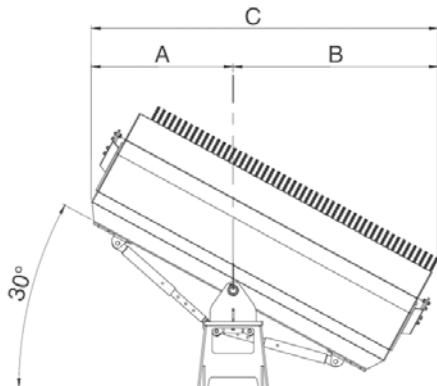


Overall size
in standard
configuration

A cm	167	192	225	233	256	276
B cm	64	64	80	87	87	87
C cm	120	120	120	183	183	183

⁽¹⁾ Hydraulics optional

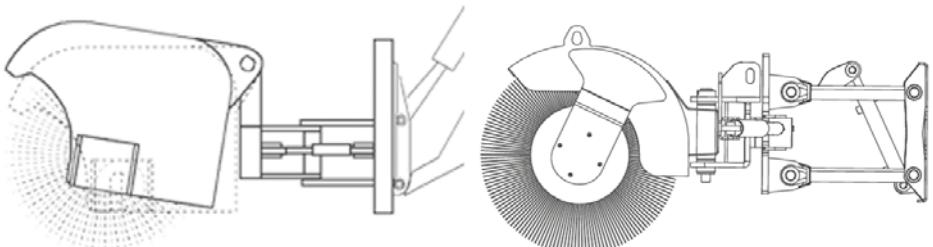
WORKING DIMENSIONS



FLOATING SYSTEM

Standard config.
for mod. SA 155/180/210

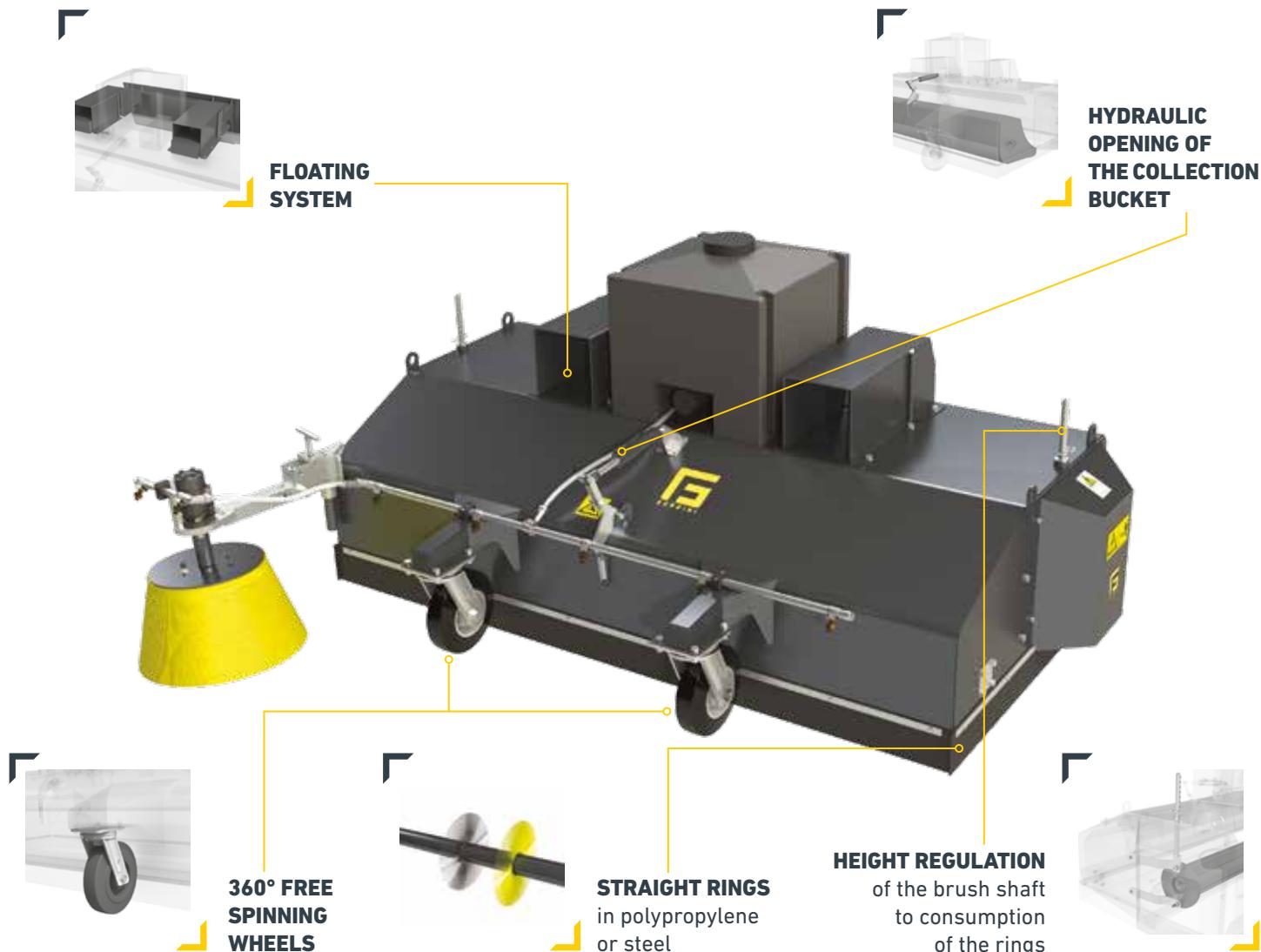
Optional
for mod. SA 240/260/SA 280





ROAD LINE SI

INDUSTRIAL SWEEPER



The industrial sweeper is mainly used to **clean internal and external industrial floors**, but it is also ideal for **roads, ports, logistics centers** and much more.

The **frame with floating system** guarantees perfect **adaptability to any surface** or terrain, thus ensuring excellent sweeping quality.

The **easy application** on different types of machines (mini loader, wheel loader, backhoe loader, telescopic handler and forklift) makes the industrial sweeper a **very versatile equipment**.

The **pivoting wheels** allow the industrial sweeper to be **easily transportable** and to follow all the movements of the machine, without damaging the flooring in any way.

The **opening of the hydraulically operated containment bucket** takes place through a unique system of its kind, which allows you to **easily unload** the collected material

even on trucks.

The **brush roller is adjustable in height**, to allow you to use the rings down to the last centimeter and consequently have less maintenance costs.

In the **standard version** it is composed of straight polypropylene rings with a steel core; **upon request**, it is possible to make the brush roller composed of 50% polypropylene rings and 50% steel rings, alternating, for heavier jobs or the presence of wet asphalt, encrusted material, etc.

On request, pressure **watering kits** with 100L capacity tank and **sprayers** are available, for the SI 2200 and SI 2400 models the pressure watering kit with 200L capacity tank is available; in addition, the addition of a **right and/or left side brush** is available to collect the material even laterally, further increasing the sweeping capacity.



Model	SI 1200	SI 1500	SI 1800	SI 2100	SI 2200	SI 2400
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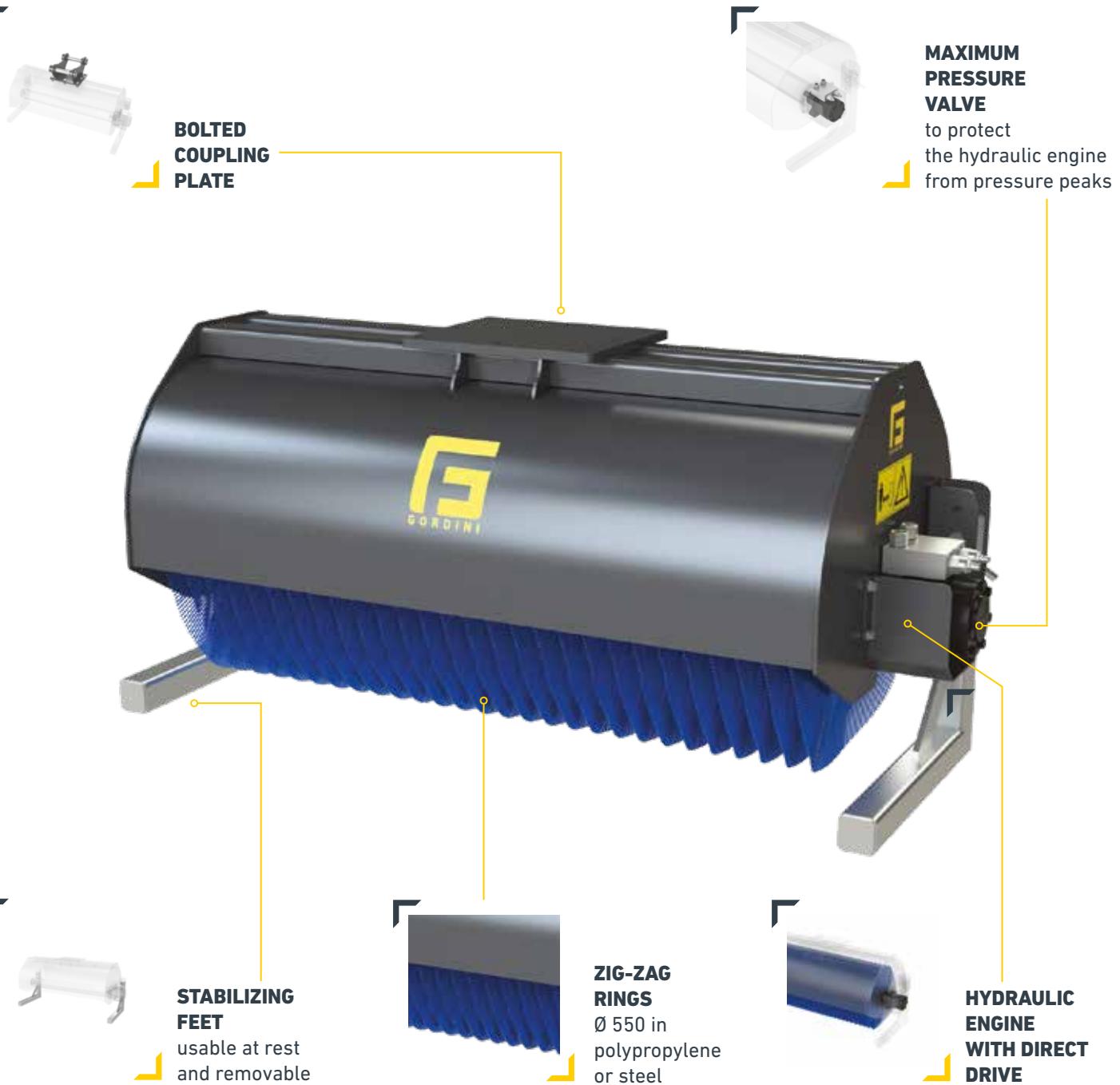
Technical data	um	SI 1200	SI 1500	SI 1800	SI 2100	SI 2200	SI 2400
Working width	mm	1200	1500	1800	2100	2200	2400
Oil flow min-max	lt/min	25-50	25-60	40-80	40-80	70-120	100-120
Oil pressure min-max	bar	120-200		160-200		200-240	
Weight standard configuration	Kg	350	400	460	490	740	800
Broom ring	Ø mm	580 x n. 38	580 x n. 49	580 x n. 59	580 x n. 69	650 x n. 73	650 x n. 79
Collector bucket capacity	lt	230	290	350	410	530	580
	ton	2,0-2,6	2,4-3,5	3,0-4,0	3,8-5,0	-	-
	ton	2,0-3,0	2,0-4,0	3,5-5,0	4,5-7,0	-	-
	ton	2,2-3,5	3,2-4,5	4,0-5,5	4,6-6,8	5,8-8,5	7,5-12,0
	ton	2,4-3,8	3,4-5,0	4,5-6,0	5,6-7,5	7,0-9,0	8,0-10,0
	ton	-	-	4,0-5,0	4,5-6,0	5,8-8,5	7,5-12,0

	Overall size in standard configuration	A cm	135	165	195	225	240	260
		B cm	81	81	81	81	89	89
		C cm	154	154	154	154	182	182



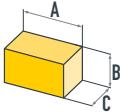
ROAD LINE **SE**

EXCAVATOR SWEEPER



The excavator sweeper can be applied to all types of excavators and is useful for **sweeping roads, construction sites, tracks and parking lots** from gravel, earth or snow. The **brush roller** is composed, in the standard version, of **zigzag rings in polypropylene** with a steel core; on request it is possible to make the brush roller composed of 50% **polypropylene** rings and 50% steel rings, alternating, **suitable for more demanding jobs** or in the presence of wet

asphalt, encrusted material and much more. It has **stabilizing feet** that protect the brushes from bending during positioning on the ground, thus helping to **maintain high sweeping quality** over time. Resistant, the engine is equipped with a **maximum pressure valve** that **optimizes** the performance of the engine and **protects** it from pressure peaks, increasing its operating life.

Model	SE 80	SE 125
Technical data		
Working width	mm	800
Total width	mm	1000
Oil flow min-max	lt/min	20-30
Oil pressure min-max	bar	160-240
Weight standard configuration	kg	130
Broom	Ø mm	550 x n. 18
	ton	2,5-6,0
	ton	6,0-9,0
	Overall size in standard configuration	A cm B cm C cm
		100 69 63
		145 69 63



ROAD LINE CP ROAD PLANER

Asphalt planer are designed to carry out road maintenance work, to **remove** a layer of **asphalt** to replace it or to carry out subsequent excavations. They also make it possible to **reuse the removed material** for the subsequent filling of the excavation or for the restoration of the road surface itself.

Thanks to the two **sturdy steel wheels** on the frame, and the two front **rocking pads** in Hardox, the tiller has **four points of contact with the ground**; this allows the operator to work with the **machine arm** positioned **totally at the bottom**, allowing great visibility; it also gives **great strength** and efficiency to the asphalt planer itself during the work phases,

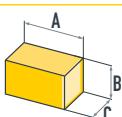
and an **absence of vibrations**, even in the long term. All **movements** can be **hydraulic**: the translation to be able to carry out excavations even flush with the wall; the **independent** right and left **depth adjustment** allows you to perform side-by-side passes; the tilt (except for the CP 40.13 model) in order to **keep the excavation depth constant** even in the face of irregularities or inclinations of the road surface. The **drum** is composed of **sturdy asphalt spikes** (on request it is possible to supply spikes for concrete or rock as an alternative). **On request**, it is possible to have the **water pressure kit** with sprayers to reduce dust.





Model	Standard flow	High flow Medium power			High flow High power		
	CP 40.13	CP 40.15	CP 45.15	CP 50.15	CP 50.17	CP 60.17	CP 100.15

Technical data	um							
Working width with standard drum	mm	400	400	450	500	500	600	1000
Working depth with standard drum	mm	0-125		0-150		0-170		0-150
Standard asphalt picks	n.	48	51	54	57	60	66	88
Oil flow min-max ⁽¹⁾	lt/min	45-80		90-140		100-140		120-160
Oil pressure min-max ⁽¹⁾	bar	170-240		170-300		170-300		170-300
Weight standard configuration	Kg	540	750	770	790	850	890	1100
Minimum distance from the wall	mm	60		60		60		60
Right and left sideshift		mechanical/hydraulic ⁽²⁾						
Transversal tilt	mm	600 mechanical ⁽³⁾		650 hydraulic		650 hydraulic		
20° transversal angle		-		mechanical/hydraulic		mechanical/hydraulic		
Average milling speed (standard drum at 50% depth)	mt/min	0,6-3,5	1,2-5,5	1,0-5,0	0,9-4,6	1,0-4,5	0,9-4,0	0,7-4,5
	ton	2,3-3,5		2,3-3,2		3,0-4,8		
	ton	3,0-5,5		4,5-6,5		6,0-8,5		
	ton	3,5-6,0		5,0-7,5		7,0-9,5		



Overall size
in standard
configuration

A cm
B cm
C cm

150
83
100

160
88
106

160
88
106

⁽¹⁾The pressure and flow of the hydraulic system oil shall be inversely proportional to each other | ⁽²⁾Optional | ⁽³⁾Hydraulics optional



ROAD LINE CP

ROAD PLANNER



TRANSVERSAL TILT +/- 10° MECHANICAL OR HYDRAULIC

When the machine is inclined (for instance near a platform with two wheels above it and the other two on the roadway), or when two passes must be made side by side, the tilt on the frame allows you to work in a position parallel to the surface of the asphalt to be milled. In the standard version the inclination is mechanical, it is made by two sturdy screws tightened by nuts, instead on request it is possible to operate it by means of a hydraulic cylinder, controllable from the cab. The frame is fixed, with no possibility of transverse tilt in the model CP 40.13.



DEPTH ADJUSTMENT WITH INDEPENDENT RIGHT AND LEFT SUPPORT SKIDS

The **depth adjustment** is **independent** left and right in order to **perform side-by-side passes with high precision**. In the standard configuration, the depth is adjusted manually by means of endless screws; on request it is possible to have the hydraulic depth adjustment.

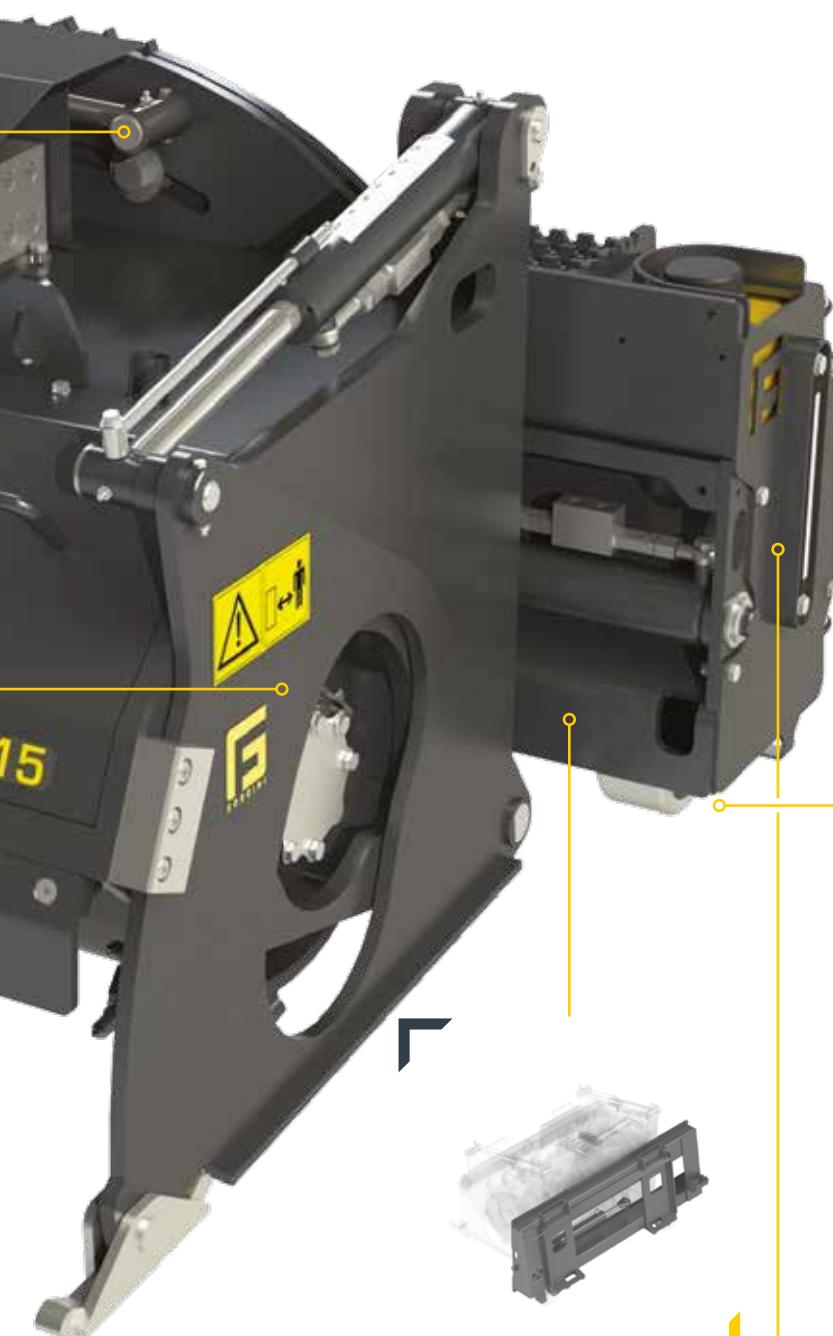


DRUM OF DIFFERENT WIDTHS AND TEETH AVAILABLE FOR ASPHALT, CONCRETE OR ROCK

For the different needs that may be necessary, it is possible to install drums of different widths, starting from a cutting drum of 50mm width. The drums can be equipped with standard asphalt teeth, or (on request) special teeth for cement and/or rock (interchangeable).

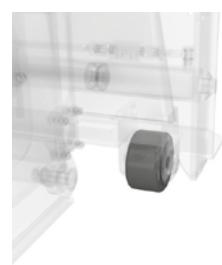
**MAXIMUM VISIBILITY FOR THE OPERATOR
THANKS TO THE LOW POSITION
OF THE SHOVEL ARM**

The construction concept of the CP GF Gordini road asphalt planer **allows the operator to keep the arm of the mini shovel always low**; in this way the vibrations are reduced to a minimum and there is a **great visibility** during the milling.



**STEEL WHEELS ON THE FRAME
FOR GREATER STABILITY AND STIFFNESS**

The two sturdy steel wheels placed on the frame allow the frame to have **two points of support** on the ground, in addition to the two rocking feet in **Hardox** placed **at the front of the tiller**, ensure that the tiller can **always advance with 4 contact points on the ground**, ensuring great **stability** and rigidity especially over time.



**WATER TANK WITH 110 LT. CAPACITY
INTEGRATED IN THE FRAME (optional)**

The tank kit (optional), totally integrated in the milling cutter frame is complete with electric pump, pipes and nebulizers and allows to reduce the dust that inevitably develop during milling; especially used when working in built-up areas or in residential areas.

Also available in the version mountable on the roof of the mini shovel with a special kit of clamping brackets.

**HYDRAULIC SIDESHIFT (mechanical for CP 40.13)
FOR MILLING FLUSH TO THE WALL**

The models CP 40.15/45.15/50.15/60.17/100.15 have a hydraulically controllable sideshift on board the cab. In model CP 40.13, the sideshift is manual in the standard version (hydraulic as optional). This sideshift allows milling in a central position or flush with the wall.



ROAD LINE **CPB**

SWINGING PLANER FOR EXCAVATOR ARM



OSCILLATING ARM
SUPPORT TO BE
ABLE TO MILL
HORIZONTALLY,
VERTICALLY OR
AT AN ANGLE



CONSTANT MILLING
DEPTH ADJUSTMENT
WITH TELESCOPIC
SCREW

hydraulic adjustment
on request



WIDE RANGE OF
PRODUCTS FOR
APPLICATIONS
ON DIFFERENT
MACHINES



The swinging planers are designed to carry out **road maintenance work**, to **remove** a layer of **asphalt** to replace it or to carry out subsequent **excavations**. They also make it possible to **reuse the removed material** for the subsequent filling of the excavation or for the restoration of the road surface itself.

The swinging planers **can work on horizontal, vertical and inclined surfaces**, applied to an excavator or to the rear arm of a backhoe loader.

The **swinging arm** is free to absorb, without the excavation

and its depth suffering, all the movements of the excavator arm or the back of the backhoe.

Depth adjustment is done manually by means of a telescopic screw which acts on the two sturdy slides. On request it is possible to have the hydraulic depth adjustment, which will need to be connected to an additional double-acting hydraulic line.

The **drum** is composed of **sturdy asphalt spikes** (on request it is possible to supply spikes for concrete or rock as an alternative).



Model	2 hydraulic lines		3 hydraulic lines	
	CPB 30.13	CPB 40.13	CPB 45.15	CPB 60.17
Technical data				
Working width	mm	300	400	450
Working depth standard drum	mm	0-125	0-125	0-150
Standard asphalt picks	n.	48	48	54
Oil flow min-max ⁽¹⁾	lt/min	45-80	45-80	90-140
Oil pressure min-max ⁽¹⁾	bar	170-240	170-240	170-300
Weight standard configuration	Kg	400	420	630
Minimum distance from the wall	mm	80		
Depth adjustment ⁽²⁾		mechanical		
Tilting support rotation		135°		
Average milling speed (standard drum at 50% depth)	mt/min	0,5-3,0		0,7-4,5
	ton	3,0-6,0	5,5-9,5	7,0-13,0
	ton	-	6,0-9,0	7,5-12,0
Overall size in standard configuration				
A cm		65	65	69
B cm		83	83	86
C cm		88	88	92

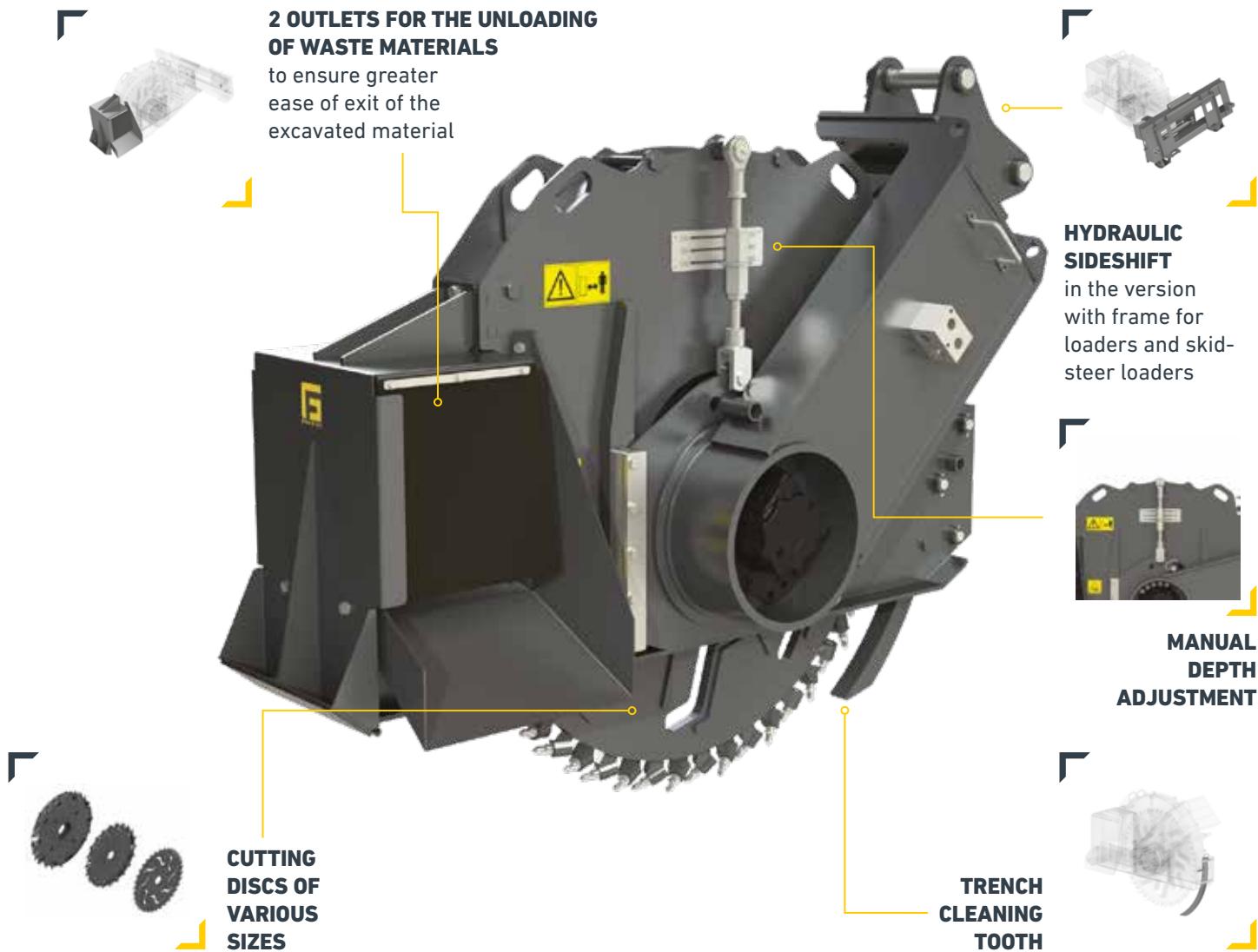
⁽¹⁾The pressure and flow of the hydraulic system oil shall be inversely proportional to each other | ⁽²⁾Hydraulics optional



ROAD LINE

WEB

WHEEL TRENCHER



The wheel trencher is designed to carry out **excavations of different thickness and depth**, on hard and compact surfaces such as asphalt, concrete and rock, for the **installation of optical fibre or other cables** of any kind.

It can be applied to both excavators and mini loaders or wheel loaders. This great **versatility** is given by the central **oscillating support** which is left free in the case of application on excavators, but is blocked for applications on loaders or mini loaders.

Thanks to the **two outlets for unloading** waste material, a **large quantity of material** is expelled; therefore a **high advancement speed** is allowed, thus **saving time** during trench excavation.

The manually operated **trench cleaning tooth** allows the

trench to be **cleaned precisely** after the passage of the cutting disc. This allows **precise and predefined depths to be reached**, without the need to make double passes or having to clean the excavation with other tools.

The **lateral wideners** push the material that has come out of the transit area of the tires or tracks of the carrier machine, thus ensuring a **constant working depth** and **greater stability** and absence of vibrations.

The version for mini loader or loader is equipped with **hydraulic translation**, while the depth adjustment is mechanical using a screw.

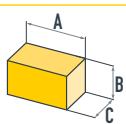
The **cutting disc** is made up of **sturdy peaks** for concrete or rock, and can be of different thicknesses depending on the type of application and needs.



Model

WEB 350

Technical data		um
Working width standard configuration	mm	50
Min-max wheel width	mm	25-80
Working depth standard wheel	mm	250-350
Standard teeth for cement	n.	45
Oil flow min-max	lt/min	90-130
Oil pressure min-max	bar	170-300
Weight standard configuration	kg	750
Weight with skid-steer loader plate	kg	950
	ton	3,0-4,5
	ton	8,0-15,0
	ton	-



Overall size
in standard
configuration

A cm
B cm
C cm

80
150
180



ROAD LINE

WE

WHEEL TRENCHER

The wheel trencher is designed to carry out **excavations of different thickness and depth** for the **laying of optical fiber** or for the laying of other **cables of any kind**.

Thanks to the **four outlets** for discharging the waste material, a large amount of material is expelled; therefore a **high forward speed** is allowed, thus **saving time** when excavating the trench.

The hydraulically operated **excavation cleaning tooth** allows you to **precisely clean** the trench after the cutting disc has passed. This allows you to **reach precise and predefined depths**, without the need for double passes or having to clean up the excavation with other tools.

The **lateral wideners** push the spilled material out of the

transit area of the tires or tracks of the carrier machine, thus ensuring a **constant working depth** and greater stability and absence of vibrations.

All movements are hydraulic: translation, in order to carry out excavation work flush with the wall; depth adjustment, to excavate at the desired depth, and the activation of the cleaning tooth.

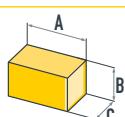
The **cutting disc** is made up of sturdy peaks for concrete or rock, and can be of different thicknesses depending on the type of application and needs.

On request, it is possible to have the **water pressure kit** with sprayers to reduce dust.





Model	WE 450	WE 600
Technical data	um	
Standard wheel width	mm	130
Wheel width, min-max	mm	50-130
Trenching depth with std. wheel	mm	150-450
Standard concrete picks	n.	66
Oil flow min-max ⁽¹⁾	lt/min	100-140
Oil pressure min-max ⁽¹⁾	bar	170-300
Weight standard configuration	kg	1200
Depth adjustment		Hydraulic
Right and left sideshift	mm	650
Average milling speed (standard wheel/max depth)	mt/min	0,6-5,5
	ton	3,2-4,5
	ton	6,0-8,5
	ton	6,0-8,5
		7,0-9,5
		7,0-9,5



Overall size
in standard
configuration

A cm
B cm
C cm

162
163
200

168
198
218

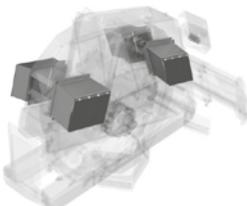
⁽¹⁾The pressure and flow of the hydraulic system oil shall be inversely proportional to each other



ROAD LINE

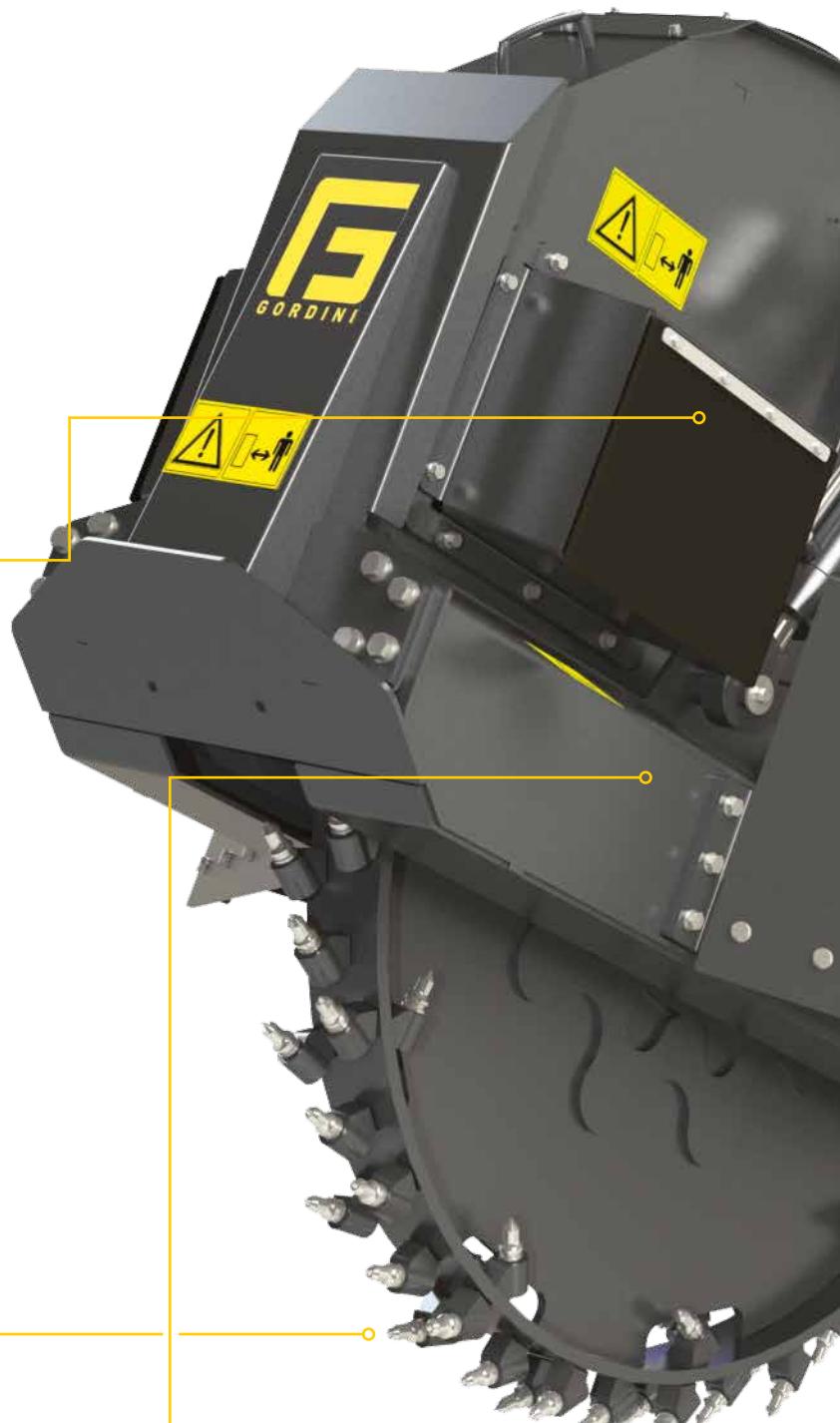
WE

WHEEL TRENCHER



4 MATERIAL OUTLETS (2 FOR EACH SIDE)

To ensure greater ease of exit of the excavated material from the disc, there are 4 large material outlets placed on the body of the wheel excavator. This facilitates the advancement of the machine and ensures that the operator can work with greater speed as the material comes out more easily from inside the wheel excavator, as well as better cleaning of the excavation.

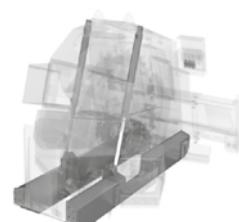


CUTTING DISCS OF DIFFERENT WIDTHS

Discs of different widths are available for any requirement. For the WE 450 the discs are: 50mm, 80mm, 100mm, 130mm widths and maximum 450mm depth. For the WE 600 the discs are: 80mm, 130mm, 150mm, 200mm wide and maximum depth 600mm. The discs are equipped with special teeth for concrete and/or rock.

HYDRAULIC DEPTH ADJUSTMENT WITH SUPPORT SKIDS, WHICH ALLOW GREAT STABILITY

Large skids that are controlled by two hydraulic cylinders to adjust the digging depth. Digging depth ranging from 150mm to 450mm for the WE 450 model and from 200mm to 600mm for the WE 600 model.





LATERAL TRANSLATION FOR FLUSH WALL EXCAVATION

The excavators wheel are equipped with a hydraulic sideshift, which can be easily controlled on board the cab. This sideshift allows digging in a central position or flush with the wall, depending on the needs.



EXCAVATION CLEANING TOOTH

To **perfectly clean** the excavation made from the disc, you can use the cleaning tooth. It is made with a **sturdy Hardox sheet**, which can be **controlled hydraulically**; so that, if necessary, it can be lowered and the excavation can be cleaned of any residual material.





Construction and general **construction site** equipment

- **Leveling blades** and **graders**
for soil preparation and leveling
- **Mixing buckets** for mixing the aggregates
for preparation of concrete
- **Excavator arms** to be applied to mini loaders
- Various equipment for lifting
and material handling

LEVELING GRADER

LG

LEVELING BLADE

LB

TILTDOZER BLADE

LTD

PALLET FORKS

PF

MIXING BUCKET

BC

BUCKETS FOR SKID-STEER LOADER

BM **BS** **BE**

SIDESSHIFT BACKHOE

E



CONSTRUCTION LINE **LG**

LEVELING GRADER

The grader is ideal for making **precise plans for roads, parking lots, sports facilities and squares**.

The **sturdy structure** allows to have a **great resistance to the shocks** that inevitably occur during the leveling work. The unique **stress absorption system** received by the spring grader **allows a large amount of material to be handled** for each pass without affecting the great stability that distinguishes it, thus allowing a **great speed of advancement**, with a consequent saving of time during work.

The two **sturdy front wheels** are completely free and **swivel 360 °** to provide **additional stability**. The front wheels are fully free and rotatable.

The grader is characterized by all the **hydraulic movements**:

the translation, the inclination of the two independent sides to each other in order to perform double slopes and the rotation of the blade.

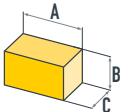
All **movements** are **regulated by proportional solenoid valves** that allow **great precision** both with manual operation and with automatic operation by means of a laser system.

The GF Gordini grader **can be combined with all laser systems** of any brand, both 2D and 3D.

As an option, on request, it is possible to have the manually or hydraulic **operated side wings** kit which guarantees greater versatility to the grader: side wings positioned at 90 ° or 45 ° with respect to the blade to contain the material during advancement, in a straight position to widen the blade itself.



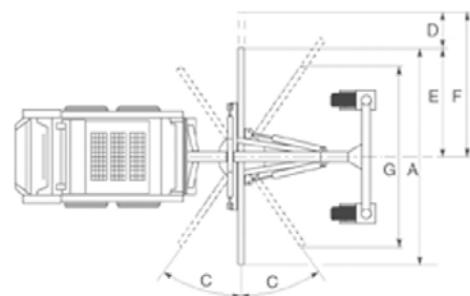
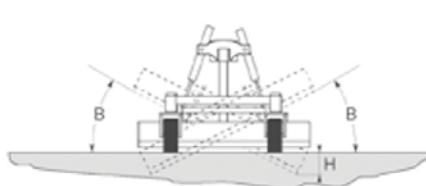
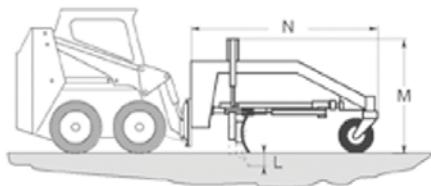


Model	LG 210 P	LG 240 P	LG 250 P	LG 270 P		
Technical data						
Blade width (A)	mm	2133	2400	2500		
Oil flow min-max	lt/min		20-80			
Oil pressure min-max	bar	120-250		140-250		
Weight standard configuration	Kg	730	750	970		
Solenoid valve, blade tilt and adjustment skid		proportional ⁽¹⁾⁽²⁾				
Hydraulic lateral sideshift of the right/left blade (D)	mm	± 400		± 450		
Hydraulic tilt of the right/left blade (B)		± 30°				
Hydraulic rotation of the right/left blade (C)		± 35		± 40		
E	mm	860	962	980		
F	mm	1466	1600	1700		
G	mm	1720	1924	686		
H	mm	578	643	713		
L	mm	165	165	400		
M	mm	1320				
N	mm	2220				
	ton	2.5-3.6				
	ton	3.0-4.4				
	ton	3.2-5.0				
<hr/>						
	Overall size in standard configuration	A cm B cm C cm	173 132 222	184 132 222	195 140 236	215 140 236

(1)Using the grader LG mod. "P" with the manual control ON-OFF the blade movement is ON-OFF. The proportional movement of the blade occurs only with the proportional laser automation system.

(2)Using the grader LG mod. "P" with the manual control PROPORTIONAL the movement of the blade is PROPORTIONAL.

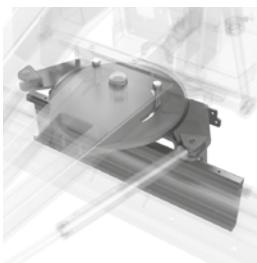
WORKING DIMENSIONS





CONSTRUCTION LINE **LG**

LEVELING GRADER



CENTRAL FIFTH WHEEL WITH BUTTONHOLES FOR REGULATION AND ELIMINATION OF JUGGLE

The central wheel, the **fundamental pivot** of the grader, held by a strong **central pin** locked with a nut. It can be adjusted (tighten) by **two screws** positioned laterally, which allow you to **limit to the maximum the joggle** that inevitably is created after the many hours of work. Unique in its kind, this system allows the grader to **maintain an excellent precision** even after many hours of use, also **limiting vibration** and loss of efficiency.



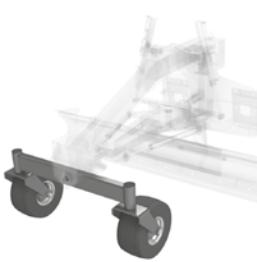
RIGHT AND LEFT INCLINATION, ROTATION AND LATERAL TRANSLATION TOTALLY HYDRAULIC, WITH PROPORTIONAL SOLENOID VALVE

In order to obtain an **extremely precise performance** by working both in manual mode, but even more in automatic mode, the grader is equipped with **resistant and precise proportional hydraulic valves**.



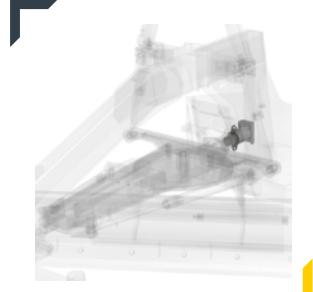
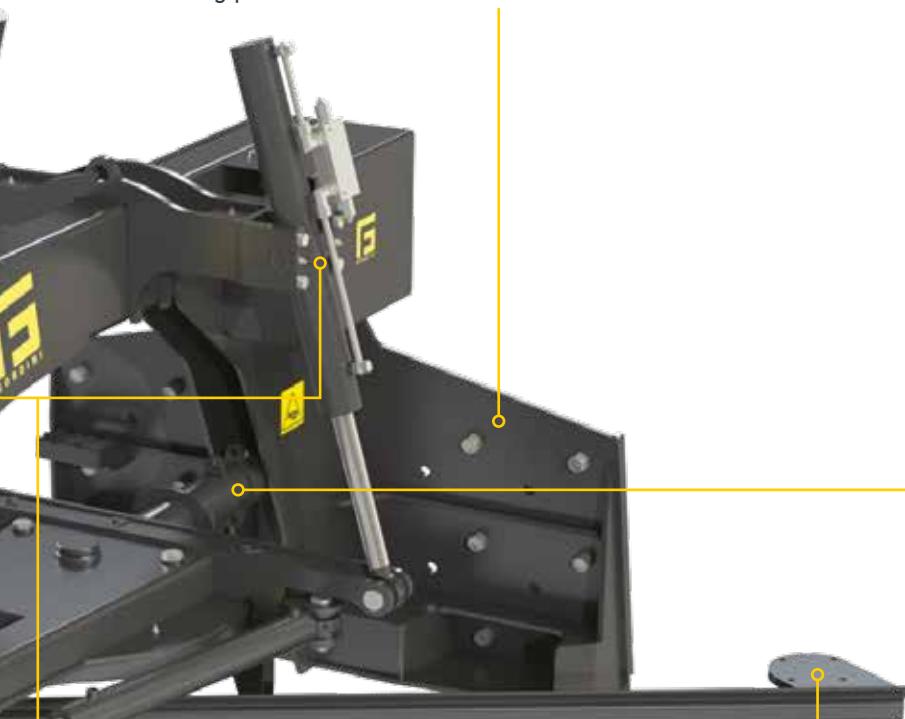
ROBUST FRONT WHEELS AND FRONT PART TRANSVERSELY MOVABLE

The front part is fundamental because it "bumps" the heaps of material to be levelled, as well as giving **great stability and strength** to all the equipment, which results in **precision and speed** of advancement. The grader grader consists of a **sturdy front axle** that can be tilted transversely to allow the different inclinations of the ground to be absorbed. In addition, the **swivel wheels** (to 360°) are complete with **robust bearings** inside the hub, to withstand even the most violent stresses and the most heavy use.



BOLTED PLATE

The plate is bolted and **interchangeable**. The grader has a **smooth and perforated plate**, on which you can place the dedicated attachment for the operating machine, giving it **great versatility**, allowing it to be mounted on machines with different connections, simply by replacing the mounting plate.



CENTRAL SPRING SYSTEM FOR SHOCK ABSORPTION THAT GUARANTEES GREAT STURDINESS AND ALLOWS GOOD FORWARD SPEED

The GF grader is built in such a way as to have a **system that can withstand any kind of impact**, as well as **absorb** the inevitable **stresses** during work. This guarantees **great resistance** over time and allows a **high advancement speed**, a fundamental element for users.



POSSIBILITY OF COMBINING WITH ALL LASER AUTOMATION SYSTEMS ON THE MARKET

The grader can be combined with any brand of laser. In order to obtain optimal **precision** and **working speed**, the **proportional solenoid valves** can be **interfaced** with any brand of laser automation. **Preparation kits** can be supplied for the most popular laser brands, in order to make the application of the sensors immediate and simple.



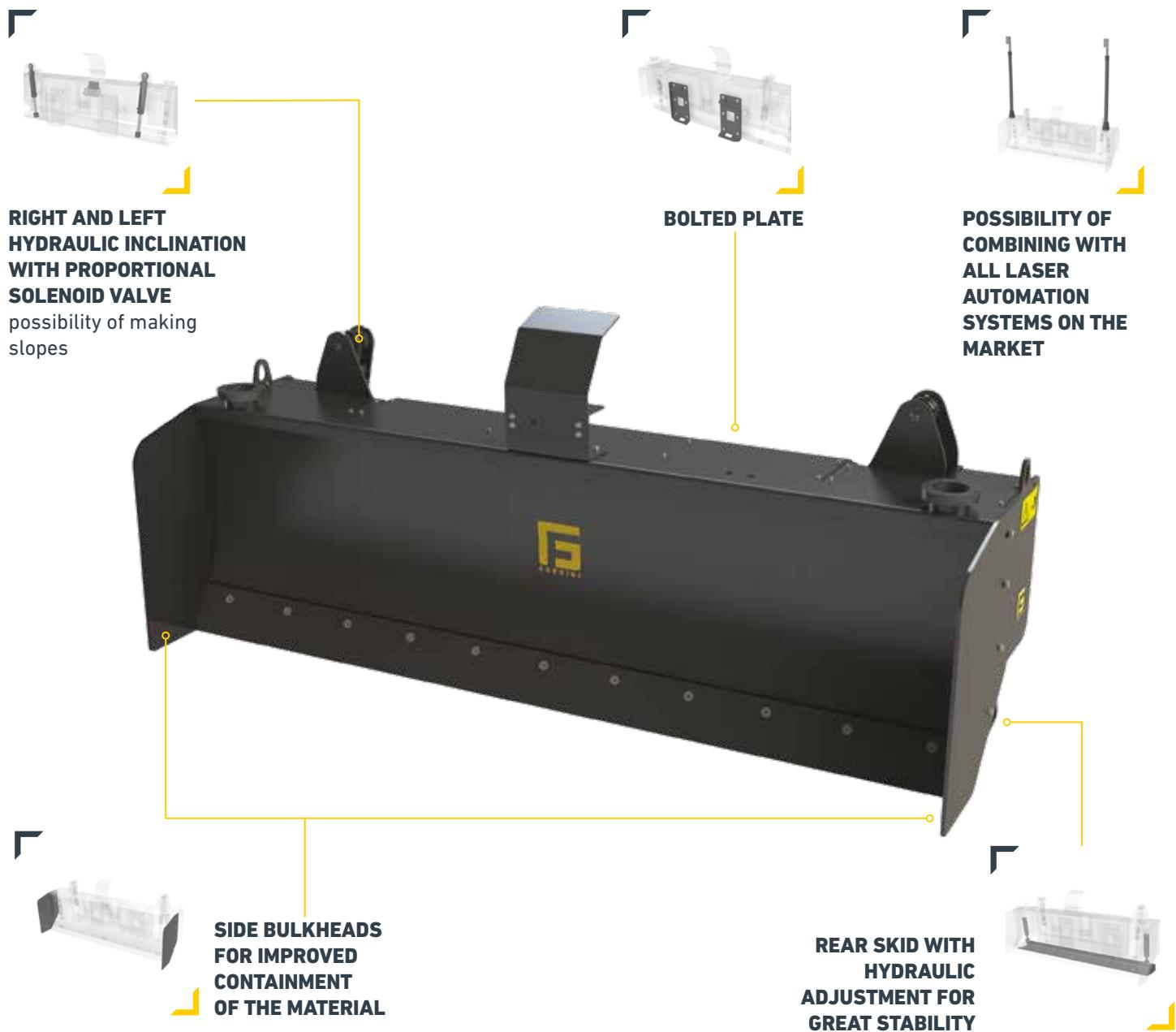
MECHANICAL SIDE EXTENSIONS (optional)

On request it is possible to add two side spreaders (one on each side), with the possibility of being added at a later time by means of a convenient drilling. They can be manually **set in three positions**: **fully open** (allowing the blade to extend 30cm per side), **90°** to contain the material and **45°** to obtain an intermediate position. Hydraulic extender are also available.



CONSTRUCTION LINE LB

LEVELING BLADE



The leveling blade is ideal for **making precise plans for roads, parking lots, sports facilities, squares**.

Equipped with a **sturdy structure** and **side bulkheads**, which allow the **handling of large quantities of material** with each pass, the leveling blade allows the operator to carry out a **precise and clean job** with a single pass, saving a lot of time while working.

The **stability** of the leveling blade is guaranteed by the solid **rear skid**, hydraulically controlled by two hydraulic cylin-

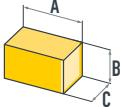
ders, which avoids any type of pitching to the blade.

The **proportional solenoid valves** on all movements of the blade, movement of the pad and tilt to be able to carry out inclined planes, allow **great precision** in leveling.

The leveling blade, by its very nature, must be completed with a **laser automation system**.

The GF Gordini leveling blade can be combined with any brand of laser, both 2D and 3D.

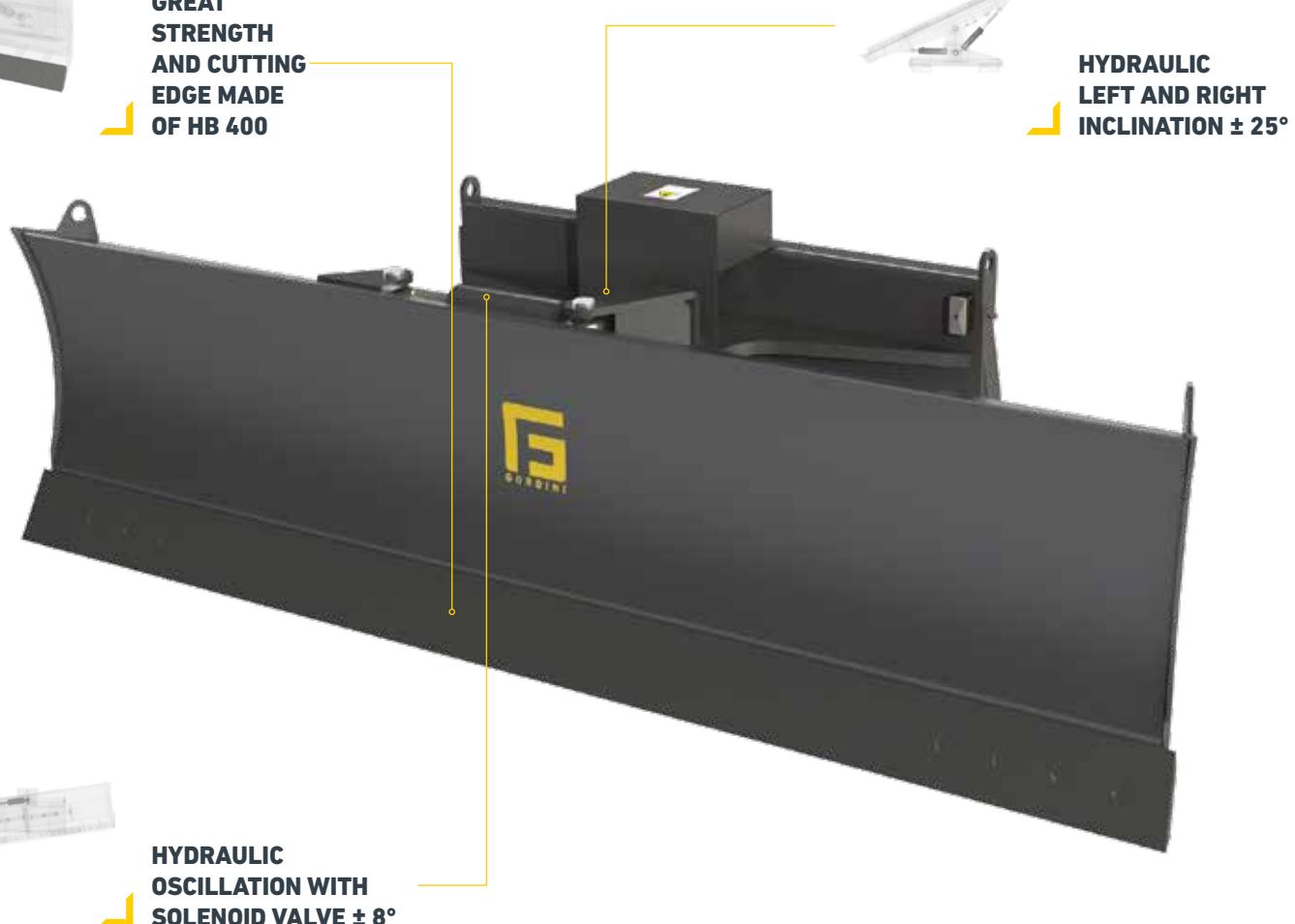


Model	LB 220	LB 240
Technical data	um	
Working width	mm	2200
Oil flow min-max	lt/min	20-80
Oil pressure min-max	bar	140-250
Weight standard configuration	Kg	825
Solenoid valve, blade tilt and adjustment skid		proportional
	ton	3,5-5,5
	ton	4,2-7,8
	ton	4,8-8,2
	Overall size in standard configuration	A cm 98 B cm 75 C cm
		222
		242
		98
		75



CONSTRUCTION LINE LTD

TLTDOZER BLADE



Tiltdozer blade suitable for **leveling** and carrying out **heavy earthmoving work**, optimal in earthworks, **backfilling** and **spreading of landfill materials**.

The **hydraulic functions** of right and left **rotation** $\pm 25^\circ$ and hydraulic oscillation $\pm 8^\circ$ guarantee the tiltdozer blade **the ability to push the material and distribute it as desired**, and then carry out spreading and leveling operations.

The **robust structure** and the **bolted and replaceable cutting edge** in HB400 make the LTD range of tiltdozer blades **particularly suitable for use on heavy machines with large thrust capacity**, therefore able to push large quantities of material.

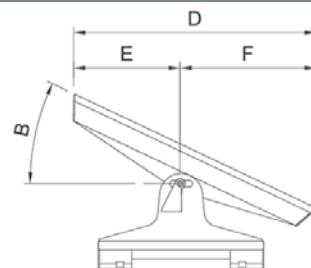
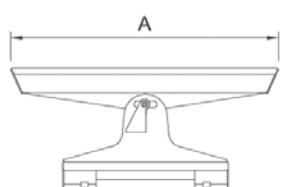
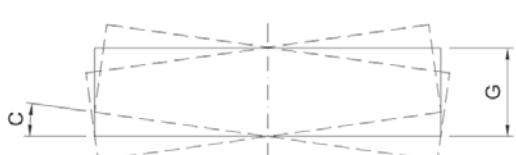




Model	LTD 205	LTD 220	LTD 250	LTD 280
Technical data				
Blade width	mm	2050	2200	2460
Blade height	mm		650	
Max oil pressure	bar		250	
Weight standard configuration	kg	420	475	495
Hydraulic rotation of the blade right/left (B)			±25°	
Hydraulic tilt of the blade right/left (C)			±8°	
D	mm	1854	1993	2226
E	mm	820	888	1006
F	mm	1034	1105	1220
	ton	2,4-3,5	3,3-4,3	3,5-4,8
	ton	3,3-4,2	4,0-5,2	4,5-7,2
	ton	4,0-5,2	5,0-6,0	5,6-7,6
	ton	4,0-5,0	4,4-5,8	5,5-10,0
				7,5-12,0

	Overall size in standard configuration	A cm B cm C cm	205 65 88	220 65 88	246 65 88	280 65 88
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WORKING DIMENSIONS





CONSTRUCTION LINE PF PALLET FORK

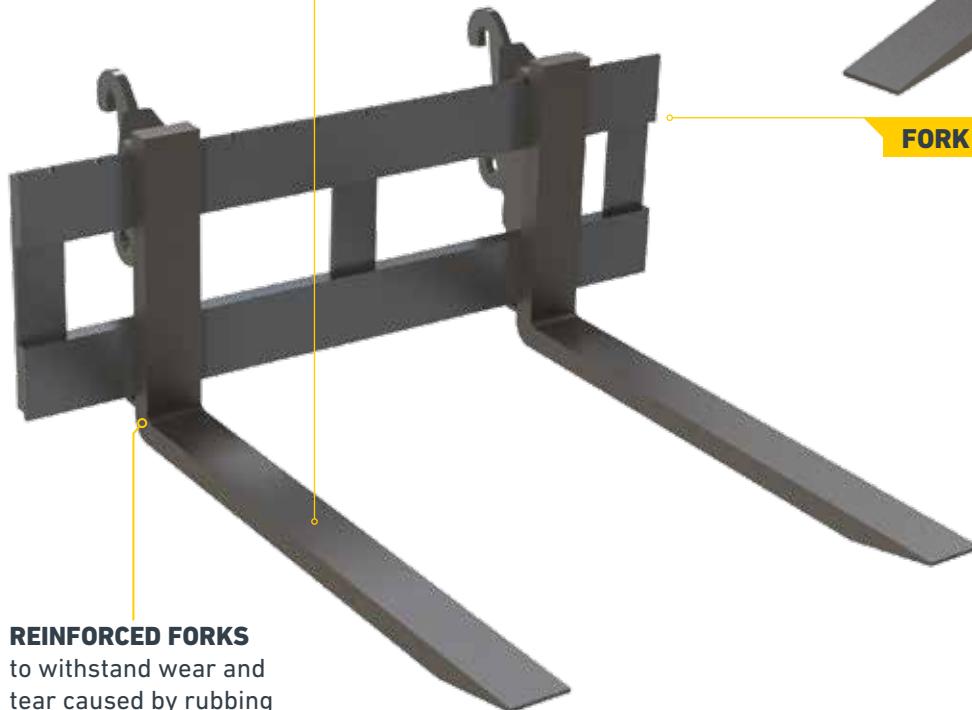
FORK FOR SKID-STEER LOADER



PROTECTIVE GRID
for models PF 100,
PF 120, PF 130
e PF 150



**TWO STURDY FORKS WITH
HIGH LOAD CAPACITY
THAT CAN BE MOVED
LATERALLY BY HAND**
hydraulic translation
on request



REINFORCED FORKS
to withstand wear and
tear caused by rubbing

FORK FOR LOADER AND BACKHOE LOADER



**BALE TIPS
ON REQUEST**

Pallet forks are particularly used on **construction sites** or to handle **palletized loads**.

Available in **6 models**, the PF pallet forks can be applied to **skid** and **mini skid loaders**, **wheel loaders**, and **backhoe loaders**.

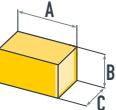
The models applicable for **skid-steer loaders** (PF 100, PF 120, PF 130, PF 150) are designed to **ensure** every **safety**

term for the operator, in fact they include the **protection grid against the overturning** of loads during use.

all models have the **manual translation** of the two sturdy forks.

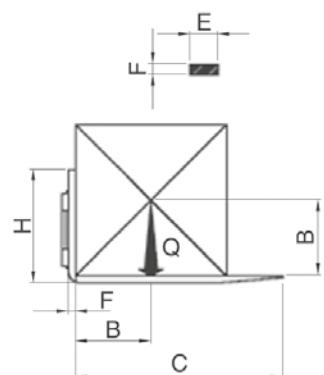
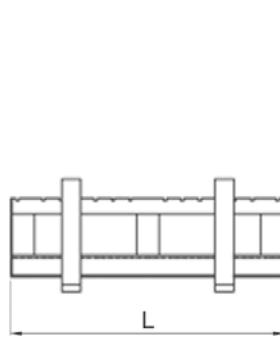
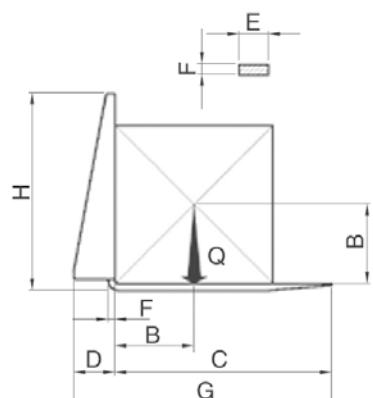
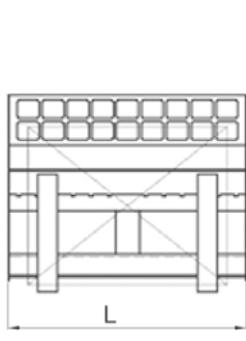
The **hydraulic translation** of the forks is available **on request**. It is also possible to supply the hay **bale spike kit** as an option.



Model	Skid - Steer Loader				Loader and Backhoe	
	PF 100	PF 120	PF 130	PF 150	PF 250	PF 450
Technical data						
Max lifting capacity ⁽¹⁾ (Q)	kg	1000	1800	2500	2500	4500
Weight standard configuration	kg	120	145	185	230	260
Forks section (E x F)	mm	80x30	100x35	100x40	100x40	120x50
Forks lenght (C)	mm	1000	1100	1200	1200	1200
Frame width (L)	mm	1000	1200	1300	1500	1500
Frame height (H)	mm	900	950		450	540
Centre of gravity (B)	mm	500			500	
	ton	1.3-1.6	1.6-2.6	2.6-3.5	3.4-4.8	-
	ton	-	1.5-3.0	2.8-4.0	4.0-6.2	4.0-6.2
	ton	-	2.0-3.4	3.0-4.6	4.5-6.5	6.2-9.0
						
Overall size in standard configuration	A cm	100	120	130	150	150
	B cm	90	95	95	95	54
	C cm	110	121	131	141	124
						150
						54
						125

⁽¹⁾The maximum lifting capacity "Q" refers to a load with a centre of gravity "B" positioned centrally on both forks.

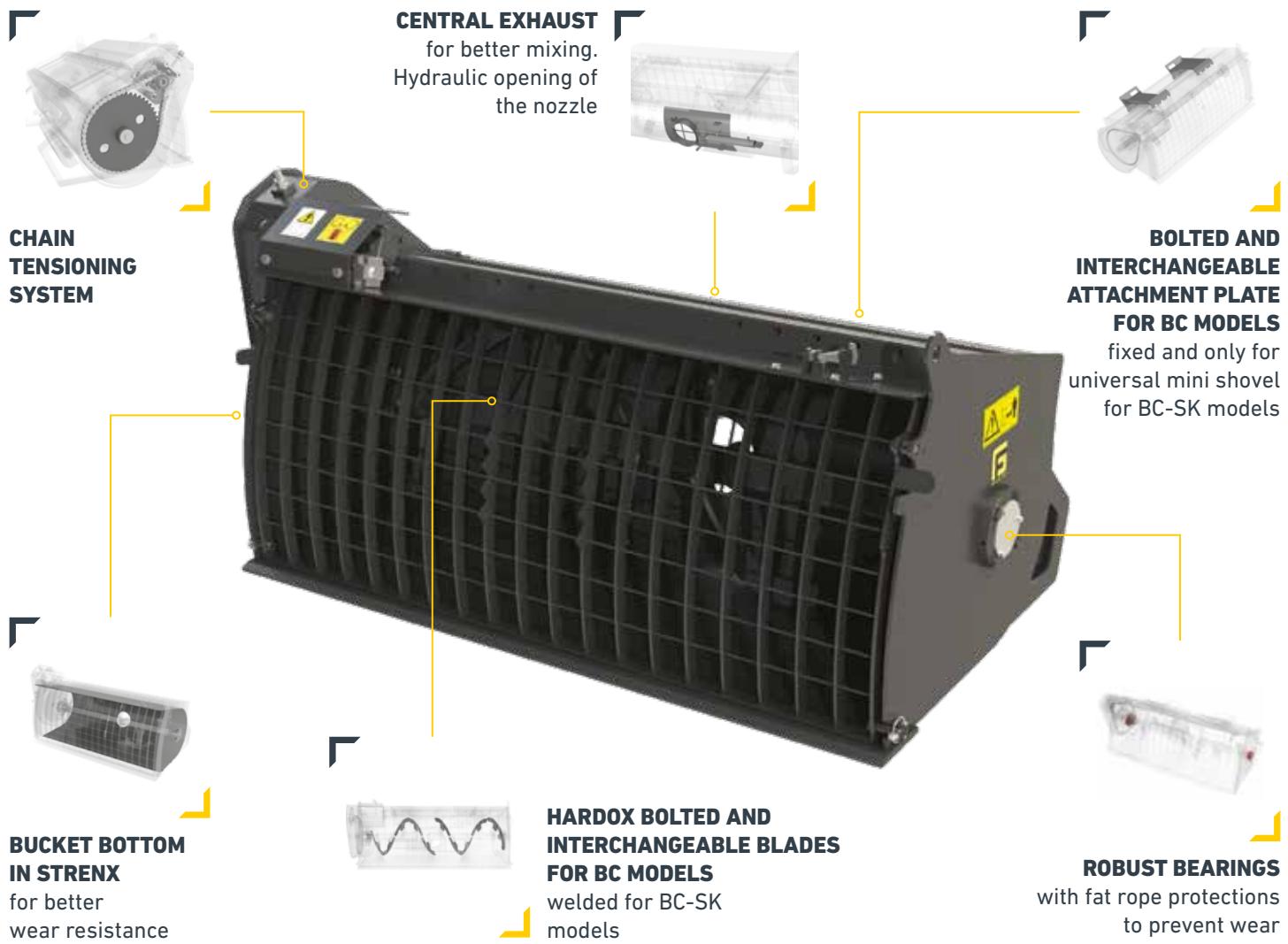
WORKING DIMENSIONS





CONSTRUCTION LINE BC

MIXING BUCKET



The mixing bucket is used to quickly and **easily produce concrete on site**. The filling of the material can be done using the mixing bucket as a classic bucket, or by manually loading the material.

The **auger** works by mixing the mixture towards the center of the bucket, thus obtaining an **excellent mixing quality**.

The **unloading** of the mixed compound takes place through an **outlet in the center of the bucket**, which can be opened and closed hydraulically. The concrete casting is then directed by means of a **flexible tube**, supplied as standard, according to requirements, then the **concrete jet** is directed according to the needs.

The **high strength and wear resistance** is certainly the strong point of the GF Gordini mixing bucket, which makes it unique in its kind, as special steels are used (Hardox 450 for the auger and Strenx 700 for the bottom of the bucket). The renewed **system for adjusting the tension of the trans-**

mission chain allows to reduce maintenance interventions on the mixing bucket to a minimum.

In the BC models the **attachment plate** is bolted and interchangeable to ensure a high versatility of the bucket, which can be **mounted and used on different operating machines** with different attachments.

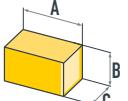
The front **protection grid** can be hinged manually and once closed it is secured by two pins to prevent it from being opened incorrectly during operation.

On request it is possible to have the **hydraulic opening** of the front grid, by means of two hydraulic cylinders or **gas shock absorbers** to facilitate manual opening.

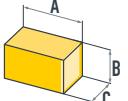
For absolute safety, it is possible, on request, to mount a **hydraulic valve which intervenes on the auger** and blocks it when the front grille is open; and allows the movement of the screw only once the grid is closed.



Model	Mixing bucket							
	BC 150	BC 200	BC 250	BC 300	BC 350	BC 500	BC 700	BC 900
Technical data								
Bucket width	mm	1000	1250	1450	1650	1750	2000	
Overall width	mm	1100	1340	1390	1590	1790	1900	2150
Oil flow min-max	lt/min	20-40	25-40	30-50	35-60	60-80	80-120	120-180
Oil pressure min-max	bar		170-200		180-200	200-240	200-280	
Maximum capacity	lt	150	200	250	300	350	500	700
Weight standard config.	kg	260	295	350	380	420	500	730
Total weight at maximum capacity	kg	620	775	950	1100	1260	1700	2530
	ton	-	2,5-4,5	3,0-4,5	3,5-5,3	4,0-5,8	4,5-6,0	-
	ton	-	2,0-4,0	3,0-4,0	3,5-4,5	4,0-5,5	4,0-7,0	6,5-9,0
	ton	1,5-3,5	4,0-6,0	3,0-4,5	3,8-5,0	4,5-6,0	6,0-8,0	7,0-10,0
	ton	3,5-5,5	4,0-6,0	5,0-7,0	6,0-8,0	7,0-9,0	7,5-10,0	8,0-11,6
	ton	4,0-7,0	6,8-8,5	8,0-10,0	9,0-12,0	11,0-15,0	14,0-19,5	18,0-24,0
								22,5-28,5

	Overall size in standard configuration	A cm	110	134	134	159	179	179	189	214
		B cm	60	60	68	68	68	75	96	98
		C cm	75	75	81	81	81	90	103	106

Model	Mixing bucket for skid-steer loader			
	BC 200 SK	BC 250 SK	BC 300 SK	BC 350 SK
Technical data				
Bucket width	mm	1250	1250	1450
Overall width	mm	1340	1390	1590
Oil flow min-max	lt/min	25-40		30-50
Oil pressure min-max	bar		170-200	
Maximum capacity	lt	200	250	300
Weight standard config.	kg	295	325	350
Total weight at maximum capacity	kg	775	925	1070
	ton	2,5-4,5	3,0-4,5	3,5-5,3
				4,0-5,8

	Overall size in standard configuration	A cm	134	134	159	179
		B cm	60	68	68	88
		C cm	75	81	81	81



CONSTRUCTION LINE

BM **BS** **BE**

BUCKETS FOR SKID-STEER LOADER



BM - 4 IN 1 MULTIFUNCTION BUCKET

OPENING BY HYDRAULIC CYLINDERS
or BM models. Hydraulic valve with lever for bucket opening/closing speed adjustment



BS - STANDARD BUCKET



BE - LIGHTWEIGHT MATERIAL BUCKET



REINFORCEMENT OF THE BOTTOM AND CUTTING EDGE IN HB 400 FOR GREAT STRENGTH

POSSIBILITY TO APPLY REVERSIBLE BLADE GUARD, TEETH WELDED OR BOLTED ON THE CUTTING EDGE



Skid steer loader buckets offer a **wide variety of possible skid-steer loader applications**.

3 models are available:

- **Standard load bucket (BS)**
- **High capacity bucket (BE)**, suitable for loading light materials, snow, waste, agricultural material and much more.
- **4 in 1 multifunction bucket (BM)**

All models are equipped with a **robust structure** and characterized by a **long operating life** thanks to the use of high-strength steels both in the **structure** and in the **cutting edges**.





BM

Multipurpose bucket

Model	BM 125	BM 140	BM 155	BM 168	BM 185	BM 205
-------	--------	--------	--------	--------	--------	--------

Technical data	um						
Bucket width	mm	1250	1400	1550	1680	1850	2050
Max oil pressure	bar			250			
Heaped capacity SAE	m ³	0,30	0,33	0,36	0,41	0,50	0,56
Weight standard configuration	kg	220	250	290	350	390	440
	ton	1,3-1,8	1,7-2,5	2,0-2,8	2,4-3,3	2,8-3,8	3,6-4,8

	Overall size in standard configuration	A cm	125	140	155	168	185	205
		B cm	75	75	75	78	78	78
		C cm	78	78	78	88	88	88

BS

Standard bucket

Model	BS 125	BS 140	BS 155	BS 168	BS 185	BS 205
-------	--------	--------	--------	--------	--------	--------

Technical data	um						
Bucket width	mm	1250	1400	1550	1680	1850	2050
Heaped capacity SAE	m ³	0,31	0,34	0,37	0,40	0,45	0,52
Weight standard configuration	kg	120	150	180	220	240	265
	ton	1,3-1,8	1,7-2,5	2,0-2,8	2,4-3,3	2,8-3,8	3,6-4,8

	Overall size in standard configuration	A cm	125	140	155	170	185	205
		B cm	75	70	70	70	70	80
		C cm	90	90	90	90	90	100

BE

Lightweight material bucket

Model	BE 125	BE 140	BE 155	BE 168	BE 185	BE 205
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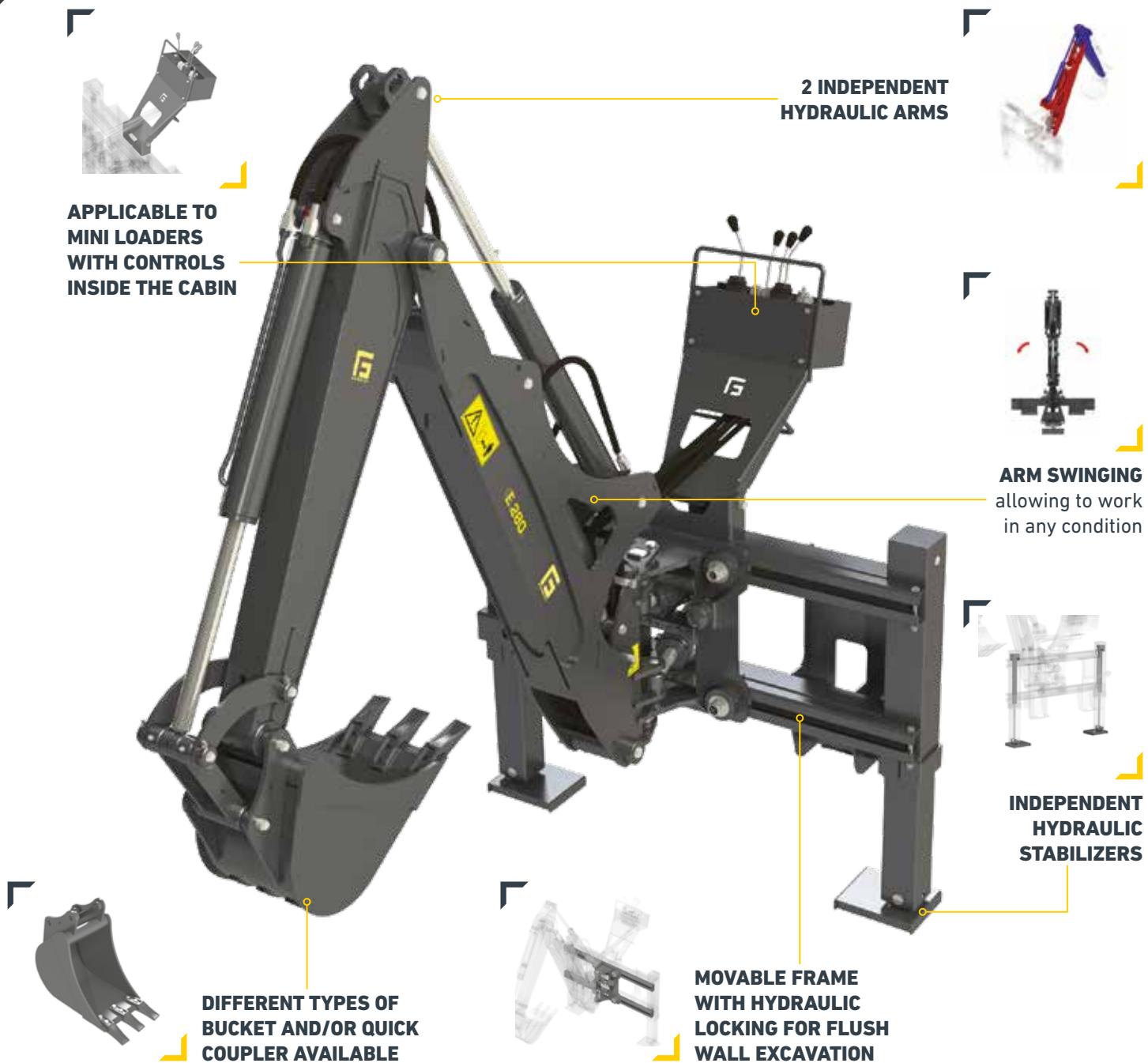
Technical data	um						
Bucket width	mm	1250	1400	1550	1680	1850	2050
Heaped capacity SAE	m ³	0,56	0,63	0,70	0,77	0,85	0,95
Weight standard configuration	kg	175	220	240	260	280	310
	ton	1,5-2,0	1,9-2,7	2,2-3,0	2,6-3,5	2,8-3,8	3,6-4,8

	Overall size in standard configuration	A cm	125	140	155	170	185	205
		B cm	75	70	70	70	70	80
		C cm	90	90	90	90	90	100



CONSTRUCTION LINE **E**

SIDEShift BACKHOE



The backhoe turns any skid-steer loader into a mini excavator.

It consists of **two arms** with independent hydraulic movements, a **translation on the frame** with hydraulic locking (to be able to excavate flush with the wall), **two independent hydraulic stabilizers** to be able to lock the backhoe in position and work in total safety.

The **control unit** consists of a **console** that **enters the cabin** of the skid steer loader, thus allowing the user to **work comfortably** seated on the original seat of the machine.

The **attachment** of the backhoe to the skid steer takes place

using the typical **universal attachment** on the backhoe frame and is **fixed with two fixing brackets** that anchor the equipment frame to the machine arm, thus ensuring **great stability** in the mechanical coupling between machine and equipment.

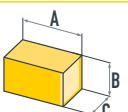
Various sizes and various **types of buckets** are available depending on the customer's needs.

On request, it is possible to install the **auxiliary hydraulic system** on the backhoe to be able to mount equipment such as the hammer, the auger or the arm shredder.



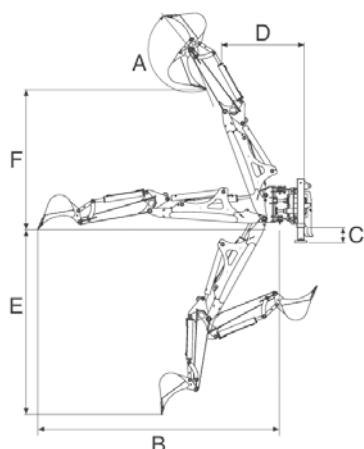
Model	E 280	E 320
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Technical data	um		
Max digging depth	mm	2800	3250
Oil flow min-max	lt/min	35-45	40-50
Rated oil pressure	bar		165
Weight standard configuration	kg	680	820
Standard bucket width	mm		300
Tooth-tear force	kg	2500	3200
Movable frame standard width	mm	1500	1600
Actual total rotation			180°
Complete distributor with elements	n.		6
Hydraulic locking of the translation			standard config.
A			195°
B	mm	3620	3995
C	mm	420	470
D	mm	1620	1780
E	mm	2800	3200
F	mm	2400	2550
	ton	2,2-3,4	3,4-4,8

	Overall size in standard configuration	A cm B cm C cm	160 190 80	165 220 90	180 230 100
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OPTIONAL: auxiliary equipment for demolition hammer

WORKING DIMENSIONS







Equipment for road and non-road **winter maintenance**

■ **Snow blowers**

■ **Blades and V-blades** applicable to different types of machines

■ Removing snow from roads, parking lots, courtyards, sports fields, etc.

SNOW PLOW

LN

SNOW V BLADE

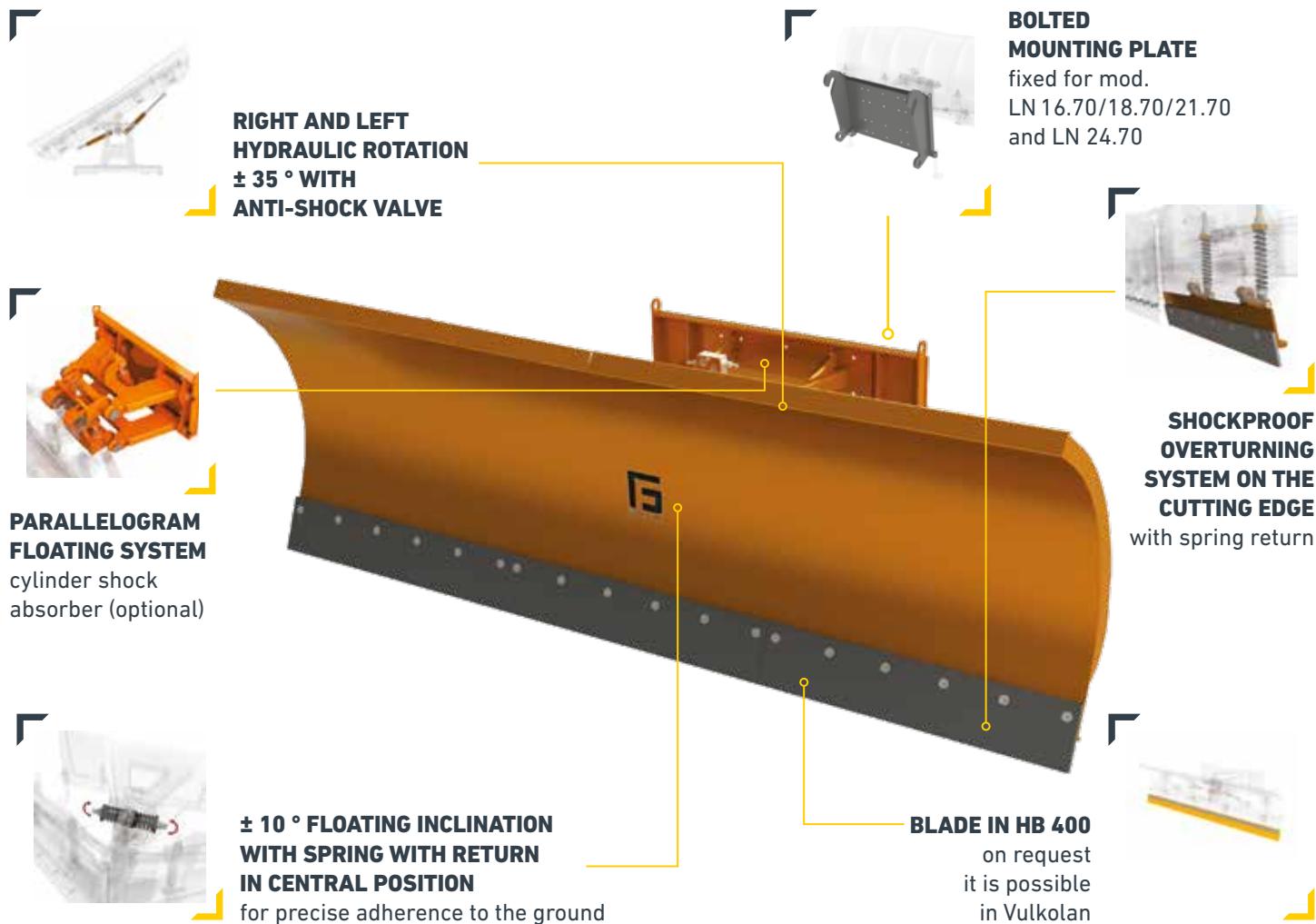
VB

SNOW BLOWER

TN TNX



SNOW LINE **LN** SNOW PLOW



The snow plow blade is used to **clear snow** from yards, parking lots, courtyards, sports facilities and roads and is a **fundamental** piece of equipment for road traffic and **winter maintenance**.

The innovative and safe **anti-shock tilting system on the spring knife**, with return to the original position, guarantees **absolute safety** for the operator and for the integrity of the equipment and the machine in the event of a collision with an obstacle during work. Furthermore, the antishock system is **divided into sectors**, thus allowing only the **sector concerned to rise**, thus continuing to collect snow from the other sectors.

The $\pm 35^\circ$ angle is **hydraulically controlled** as standard for all models, and is enriched with **shockproof hydraulic valves** to ensure greater life for the cylinders that adjust the angle of the blade.

The spring **oscillation system** is $\pm 10^\circ$ and guarantees the snowplow blade to **follow the ground faithfully** so as not to lose snow removal efficiency even on uneven or inclined

surfaces.

GF produces **three different sizes of snow plows** depending on the machine of application; in the models belonging to the 80 and 100 series the attachment plate is bolted and interchangeable to ensure a high versatility of the blade, which can be mounted and used on different operating machines with different attachments.

All models, supplied as standard, have a **bolted and easily replaceable wear-resistant steel cutting edge**; on request it is possible to supply the cutting edge in Vulkolan, a plastic material that allows not to damage the road or industrial surface and is particularly suitable for example when working in historic centers.

On request, it is possible to install **wheels or skids** for **greater stability** of the blade, and the **clearance light kit** (present as standard in the 100 series models).

The snow plow can be completed with the parallelogram **floating system** on the blade frame, particularly useful when the road surface is not flat.



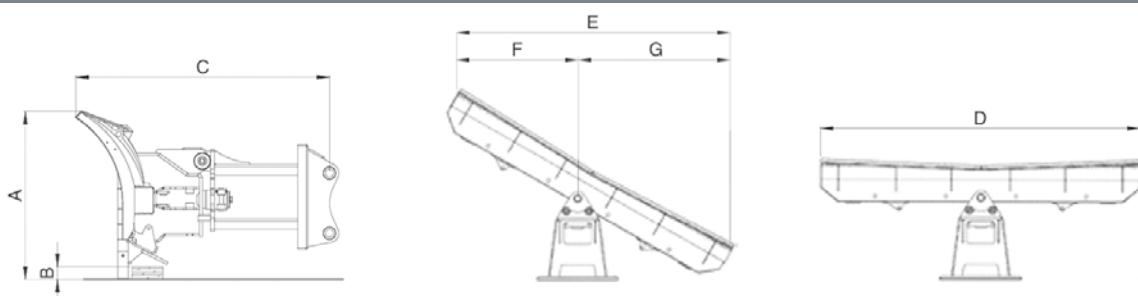
Model | LN 16.70 | LN 18.70 | LN 21.70 | LN 24.70 | LN 24.80 | LN 27.80 | LN 28.100 | LN 30.100 | LN 32.100 | LN 34.100

Technical data		um										
Blade width (D)	mm	1600	1820	2100	2400	2400	2700	2800	3060	3260	3400	
Blade height (A)	mm	700			800			1000				
Max oil pressure	bar	240										
Weight standard configuration	kg	300	310	325	340	460	480	800	890	915	980	
Max height can be exceeded (B)	mm	120			130			140				
C	mm	900			1150			1400				
E	mm	1390	1580	1820	2080	2080	2340	2420	2650	2825	3000	
F	mm	590	690	820	940	915	1045	1100	1180	1265	1450	
G	mm	800	890	1000	1140	1165	1295	1320	1470	1560	1750	
Floating tilt spring type		±10°										
Hydraulic right/left blade rotation		±35°										
	ton	1,3-2,0	1,6-2,2	2,0-2,8	2,6-3,4	3,0-4,2	3,8-5,2	-	-	-	-	
	ton	1,8-2,6	2,4-3,0	2,9-4,2	3,5-4,8	3,8-5,2	4,2-5,4	5,6-7,0	6,4-8,2	7,7-8,8	7,5-12,0	
	ton	-	3,0-3,8	3,2-4,4	3,8-5,0	4,2-5,4	4,8-5,8	6,5-7,8	7,0-8,6	7,4-9,0	8,0-10,0	
	ton	-	-	-	-	4,6-5,6	4,8-6,5	5,5-7,5	6,8-8,5	7,0-9,0	7,5-12,0	

	Overall size in standard configuration	A cm	160	182	210	240	240	270	280	306	326	340
		B cm	70	70	70	70	80	80	100	100	100	100
		C cm	99	99	99	99	115	115	140	140	140	140

SIDLIGHTS KIT: Optional for mod. LN16.70/LN18.70/LN21.70/LN24.70/LN24.80/LN27.80 | standard for mod. LN28.100/LN30.100/LN32.100

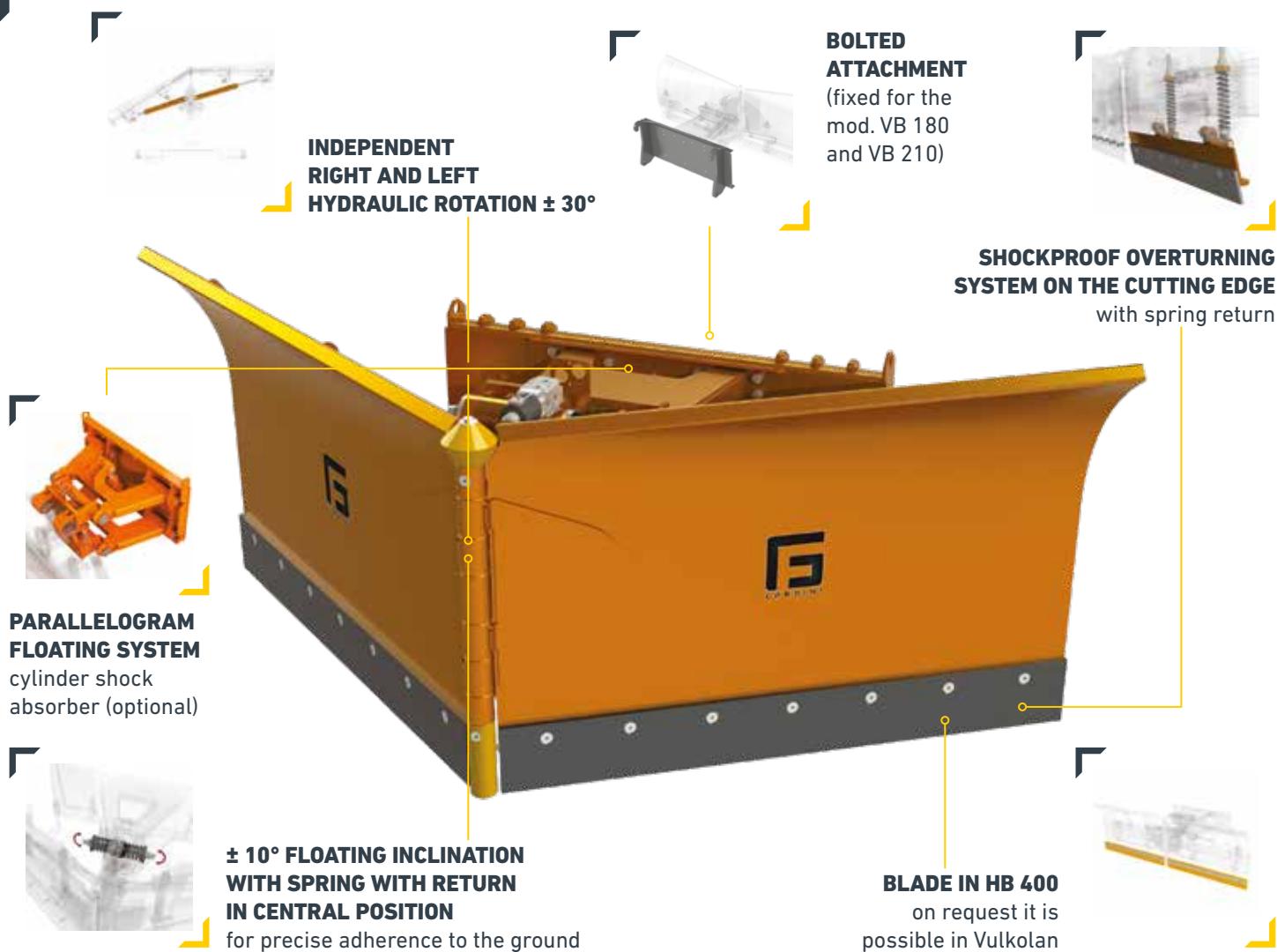
WORKING DIMENSIONS





SNOW LINE **VB**

SNOW V BLADE



The snow v blade is used to **clear snow** from yards, car parks, courtyards, sports facilities and roads and is a fundamental piece of equipment for road traffic and winter maintenance.

The innovative and safe **anti-shock tilting system** on the spring knife, with return to the original position, guarantees **absolute safety for the operator** and for the **integrity** of the equipment and the **machine in the event of a collision** with an obstacle during work. Furthermore, the antishock system is **divided into sectors**, thus allowing only the sector concerned to rise, thus continuing to collect snow from the other sectors.

The independent $\pm 35^\circ$ **angle** of the **two wings** is **hydraulically controlled** as standard for all models, and allows the share to work in a straight, "spoon" or "V" position, depending on the needs.

The **spring oscillation system** is $\pm 10^\circ$ and guarantees the snow v blade to **follow the ground faithfully** so as not to lose efficiency in snow removal even on uneven or inclined

surfaces.

In the VB 240, VB 270, VB 280, VB 300, VB 320 models, the **attachment plate is bolted and interchangeable** to ensure a **high versatility** of the share, which can be mounted and used on different operating machines with different attachments.

All models, supplied as standard, have a **bolted and easily replaceable wear-resistant steel cutting edge**; on request it is possible to supply the cutting edge in Vulkolan, a plastic material that allows not to damage the road or industrial surface and is particularly suitable for example when working in historic centers.

On request, it is possible to install **wheels or skids** for greater stability of the blade, and the **clearance light kit** (present as standard in the VB 280, VB 300, VB 320 models).

The snow v blade can be completed with the **parallelogram floating system** on the ploughshare frame, particularly useful when the **road surface is not flat**.



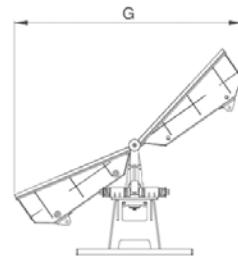
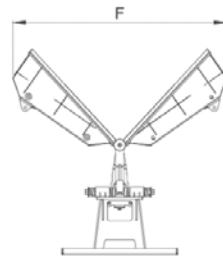
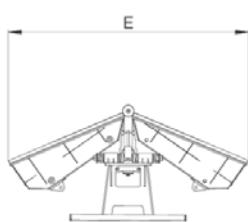
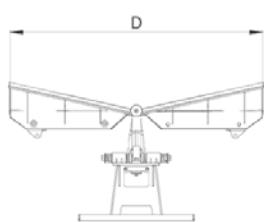
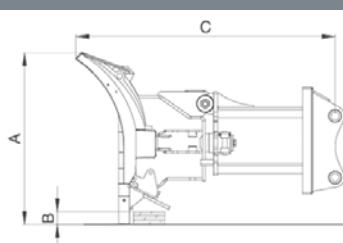
Model	VB 180	VB 210	VB 240	VB 270	VB 280	VB 300	VB 320
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Technical data	mm							
Working width with straight blades	mm	1800	2100	2400	2700	2800	3060	3260
Working width with angled blades (E, F, G)	mm	1490	1730	1990	2230	2260	2450	2635
Blades height (A)	mm	750		940		1015		
Max oil pressure	bar			240				
Weight standard configuration	kg	360	400	580	620	710	760	810
Max height can be exceeded (B)	mm	120		130		140		
C	mm	1210		1430		1450		
Floating tilt spring type				±10°				
Hydraulic right/left blade rotation	mm			±35°				
	ton	1,6-2,2	2,0-3,2	3,0-4,2	3,8-4,8	-	-	-
	ton	2,0-3,0	2,9-4,2	3,8-4,8	4,2-5,4	5,2-7,0	6,4-8,2	7,6-8,8
	ton	3,0-3,8	3,2-4,6	4,2-5,4	4,8-5,8	5,6-7,8	7,0-8,6	7,4-9,0
	ton	-	4,0-5,0	4,4-5,4	4,8-5,8	5,2-6,8	5,8-8,0	6,8-9,0

	Overall size in standard configuration	A cm	180	210	240	270	280	306	326
		B cm	75	75	94	97	102	102	102
		C cm	112	112	133	133	135	135	135

SIDELIGHTS KIT: Optional for mods. VB180 / VB210 / VB240 / VB270 | standard for mods. VB280 / VB300 / VB320

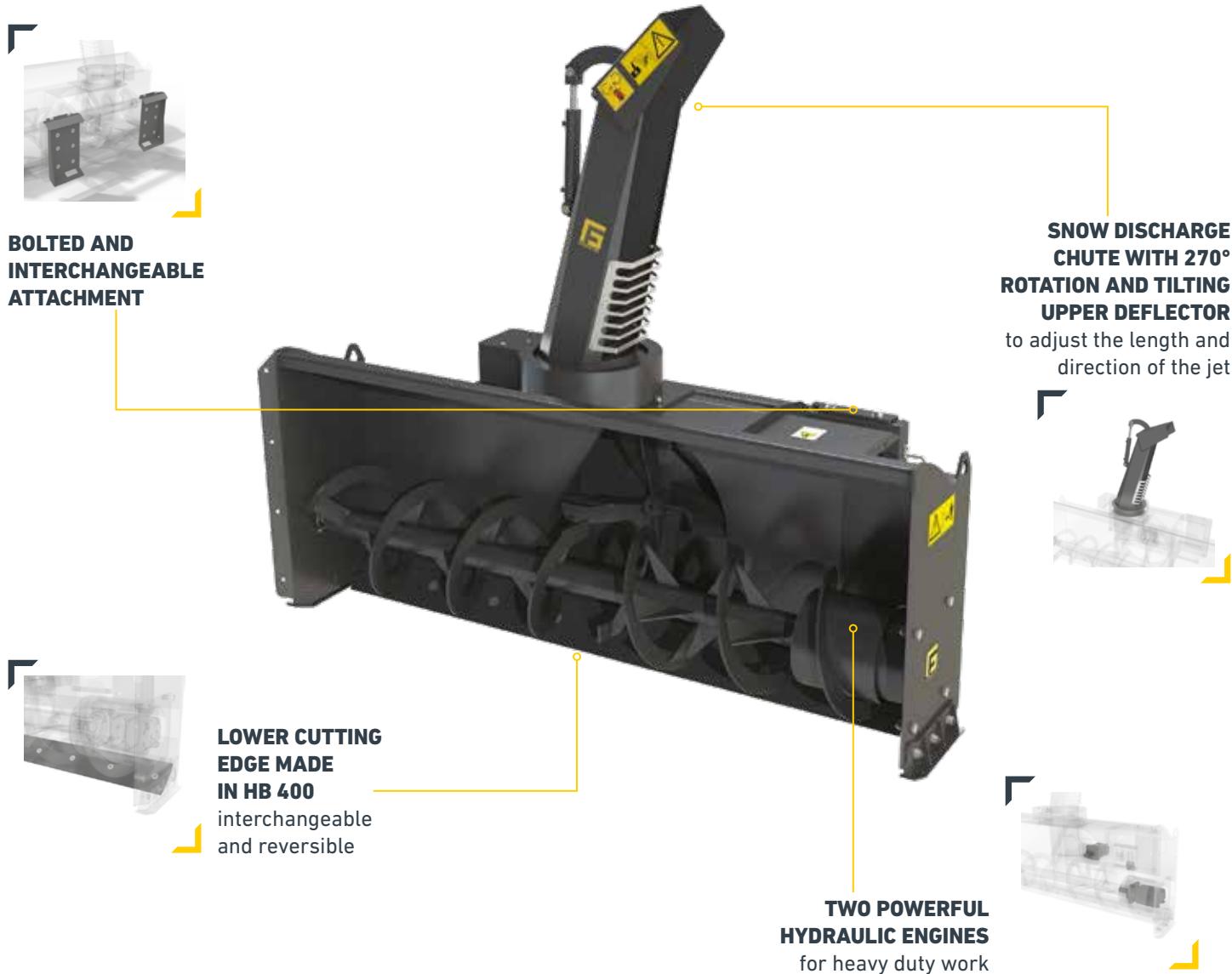
WORKING DIMENSIONS





SNOW LINE **TN TNX**

SNOW BLOWER



The two-stage snow blower is suitable for **removing snow** from sidewalks, parking lots, sports facilities, yards or roads.

The **completely closed structure** and the **reinforced side panels** allow to carry out **road edge trimming operations**. Furthermore, the bolted and interchangeable cutting edge is made of HB 400; this guarantees a great resistance to wear and inevitably a lower maintenance cost.

The **sturdy structure** of the snow blower allows you to carry out **heavy snow clearing jobs**, also thanks to the **high productivity guaranteed by the powerful hydraulics**, especially in the TNX models intended for high hydraulic flow machines.

The **attachment plate is bolted and interchangeable** to

ensure a **high versatility** of the snow blower, which **can be mounted and used on different operating machines with different attachments**.

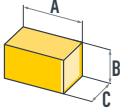
The **chimney** has a **270 ° hydraulic rotation** and an **angle adjustment of the deflectors, also hydraulic**, to allow the operator to **precisely direct the snow jet** according to needs. Upon request, it is possible to order the **extension of the chute** (only for TNX models), to facilitate the loading of snow on the truck.

On request it is also possible to have the **± 10 ° hydraulic tilt adjustment**, particularly useful for **carrying out works where the road surface is not aligned**, or if you are working on sidewalks.



Model	Standard flow			High flow		
	TN 125	TN 155	TN 185	TNX 155	TNX 185	TNX 210

Technical data	um	TN 125	TN 155	TN 185	TNX 155	TNX 185	TNX 210
Working width	mm	1250	1550	1850	1550	1850	2100
Oil flow min-max	lt/min	35-50	45-60	50-70	90-120	110-130	120-140
Oil pressure min-max	bar	160-190	170-190		190-220		
Weight standard configuration	Kg	320	410	450	445	490	580
Auger diameter	Ø mm	355			355		460
Rotor diameter	Ø mm	420	560		560		610
	ton	1,6-2,2	2,3-2,8	2,8-3,8	2,3-2,8	2,8-3,8	3,4-4,8
	ton	1,8-2,4	2,8-4,2	4,0-5,5	2,8-4,2	4,0-5,5	5,5-8,0
	ton	1,9-2,6	3,0-4,3	4,3-6,0	3,0-4,3	4,3-6,0	6,0-8,2

	Overall size in standard configuration	A cm	125	155	185	155	185	210
		B cm	128	142	142	142	142	164
		C cm	83	91	91	91	91	102





Equipment for the
maintenance of greenery
and, to a small extent,
for occupations in the
agricultural sector

.....
■ **Augers** to be applied to different types of machines, usable for agriculture, construction and other needs

■ **Mulchers** for cutting grass, bushes, shrubs etc

■ **Grapples** of various kinds for the collection of wood, scrap, waste, rubble, agricultural material, etc

AUGER

TR

EXCAVATOR MULCHER

TCB **TCM** **TCS** **TCE**
TCR

FORESTRY EXCAVATOR MULCHER

TFC **TFAM** **TFA** **TFB**
TFW **TFX** **TFS**

MINI-MULCHER/MULCHER

MTC **TC**

FORESTRY MULCHER

TFM **TFF**

GRAPPLES

PA **FA** **PH** **PI**



GREEN LINE | TR

AUGER



POSSIBILITY OF USING SPECIAL TOOLS

splitter cone
and cutter bit



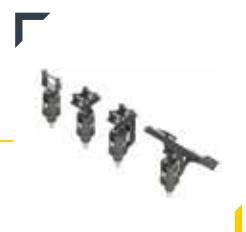
EFFICIENCY

the planetary gearbox is fully integrated into the hydraulic motor



HEXAGONAL OUTPUT SHAFT

hexagon 50mm for TR 120/250/450;
hexagon 70mm for TR 700/1200/1500



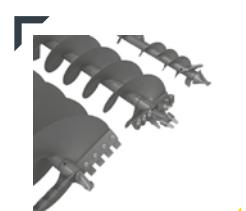
DIFFERENT TYPES OF SUPPORT ATTACHMENTS

for every need



TOTALLY CLOSED STRUCTURE

for protection and greater compactness (Resistance)



INTERCHANGEABILITY AND DIFFERENT TYPES OF TIPS ACCORDING TO NEEDS

The auger is used to **make holes in any type of soil**. Each model is equipped with a **bidirectional hydraulic motor with planetary reduction gear** integrated into the hydraulic motor itself, designed by GF Gordini and made expressly on a customized project. The use of the **highest quality components** guarantees high performance to the auger and a long service life.

The **head** integrates **directly into the gearbox flange**, thus making the auger **compact** and **protected**.

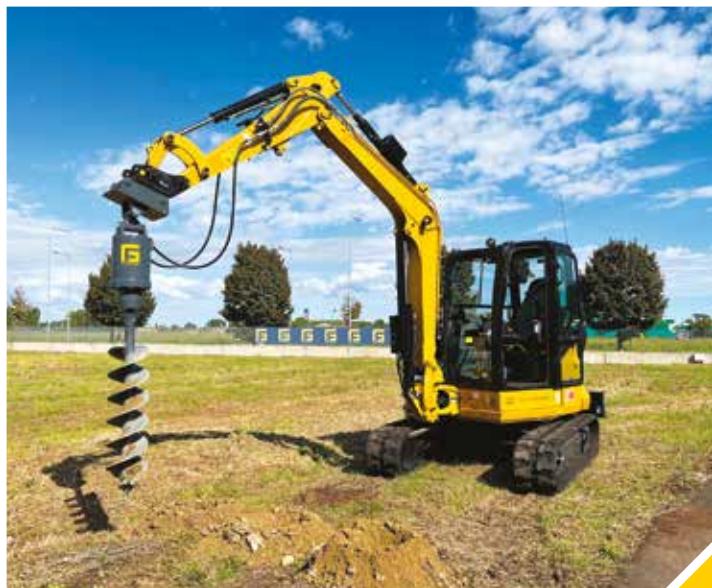
The head is also made with a **round and compact design**, so as to be able to enter the hole, if necessary, and save space. The **output pin**, with which the tips are connected, is **hexa-**

gonal: 50mm in the TR 120, TR 250 and TR 450 models; 70mm in the TR 700, TR 1200 and TR 1500 models.

The auger **can be applied on different machines** and the **double joint**, supplied as standard in all models, allows the tool to always work in a vertical position.

The **tips** are **made** following **strict quality requirements** to ensure their **durability** and **high efficiency**: all the tips (except for the smallest: diameter 150mm) are made with a **fully welded double helix**.

It is possible, depending on the work needs, to choose between **different types of tools**.



Model	TR 120	TR 250	TR 450	TR 700	TR 1200	TR 1500
Technical data	um					
Oil flow min-max	lt/min	15-35	25-60	60-100	80-120	100-140
Oil pressure min-max	bar	180-225		200-260	220-280	250-300
Weight standard configuration	kg	43	48	98	125	160
Max auger diameter	Ø mm	350	600	800		1000
Speed	rpm		60		50	40
Maximum torque	daNm	125	250	450	710	1200
	ton	1.3-2,0	1.8-2,8	2,6-4,8	2,4-3,8	3,6-4,8
	ton	1.5-2,5	2,5-4,0	4,0-7,0	7,0-10,0	10,0-15,0
	ton	2,8-3,4	3,2-4,8	4,6-7,6	7,4-9,0	-
	ton	-	4,0-4,8	4,5-6,0	5,8-8,0	7,8-12,0

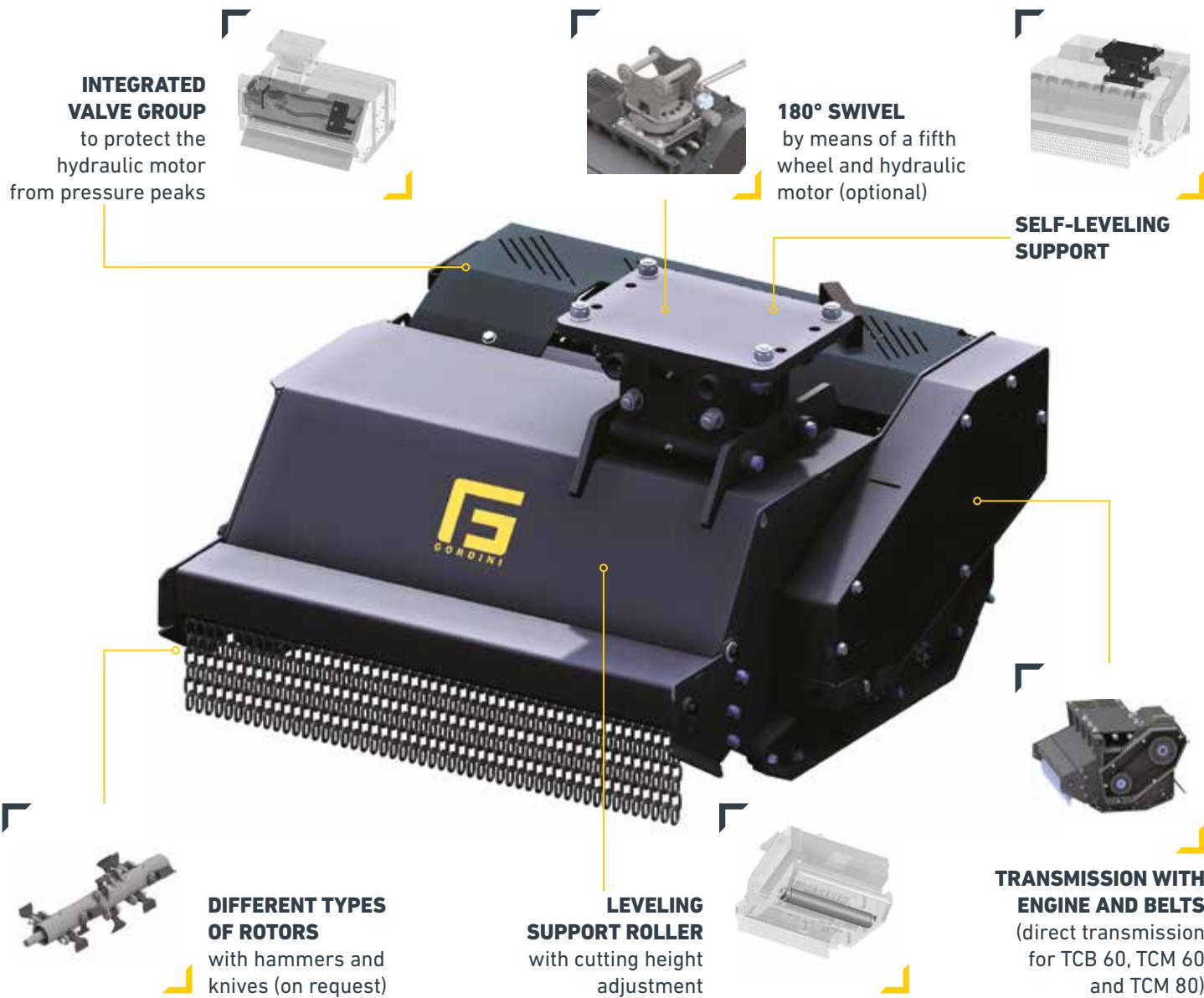
	Overall size in standard configuration	A cm	38	38	60	69	83	83
		B cm	Ø 23	Ø 23	Ø 30	Ø 30	Ø 39	Ø 39



GREEN LINE

TCB TCM TCS TCE TCR

EXCAVATOR MULCHER



The excavator mulcher is particularly suitable for **cutting grass** or **small shrubs**, it is generally used for the **maintenance of public green areas** and for **cleaning the undergrowth**.

The **sturdy composition** of the body, made of **Hardox** and **Strenx**, makes it particularly suitable for carrying out heavy work and, combined with the **quality** of the **hydraulic** components used, ensures its operation and excellent durability over time.

The **rotor** can be made up of knives (mainly for cutting grass) or mallets (for cutting flower beds or small shrubs); The excavator mulchers are equipped, in the standard version, with a **self-leveling system** on the frame that allows

the shredder to always remain adherent to the surface and allow **excellent cutting precision**.

Furthermore, all models are equipped with a **height-adjustable support roller** to ensure **stability** to the shredder, in addition to the two sturdy, replaceable **side skids** made of wear-resistant steel.

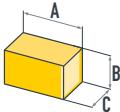
The hydraulic **valve unit**, present as standard on all models, protects the hydraulic motor of the boom shredder in the face of pressure peaks that can occur during work.

For the TCE and TCR models, **upon request it is possible to have the 180° swivel support**, which therefore allows you to rotate the forage harvester without the aid of any external system.



Model	TCB	TCM		TCS		TCE		TCR		
	60	60	80	80	100	90	110	95	115	125

Technical data	um										
Working width	mm	600	600	800	710	910	820	1020	890	1090	1190
Oil flow min-max	lt/min	18-30	32-40		35-45		50-70		75-90		
Oil pressure min-max	bar	180-200	180-220		180-220		200-220		200-220		
Weight standard configuration	kg	100	175	200	245	275	440	470	440	480	495
Max cutting	Ø mm	20	30		30		40		50		
Hammer	n.	10	8	12	12	16	12	16	8	10	12
	ton	1.5-2.5	2.5-3.5		3.5-5.5		5.5-8.0		7.0-9.0		
	ton	-	-		-		6.0-9.0		8.0-10.0		

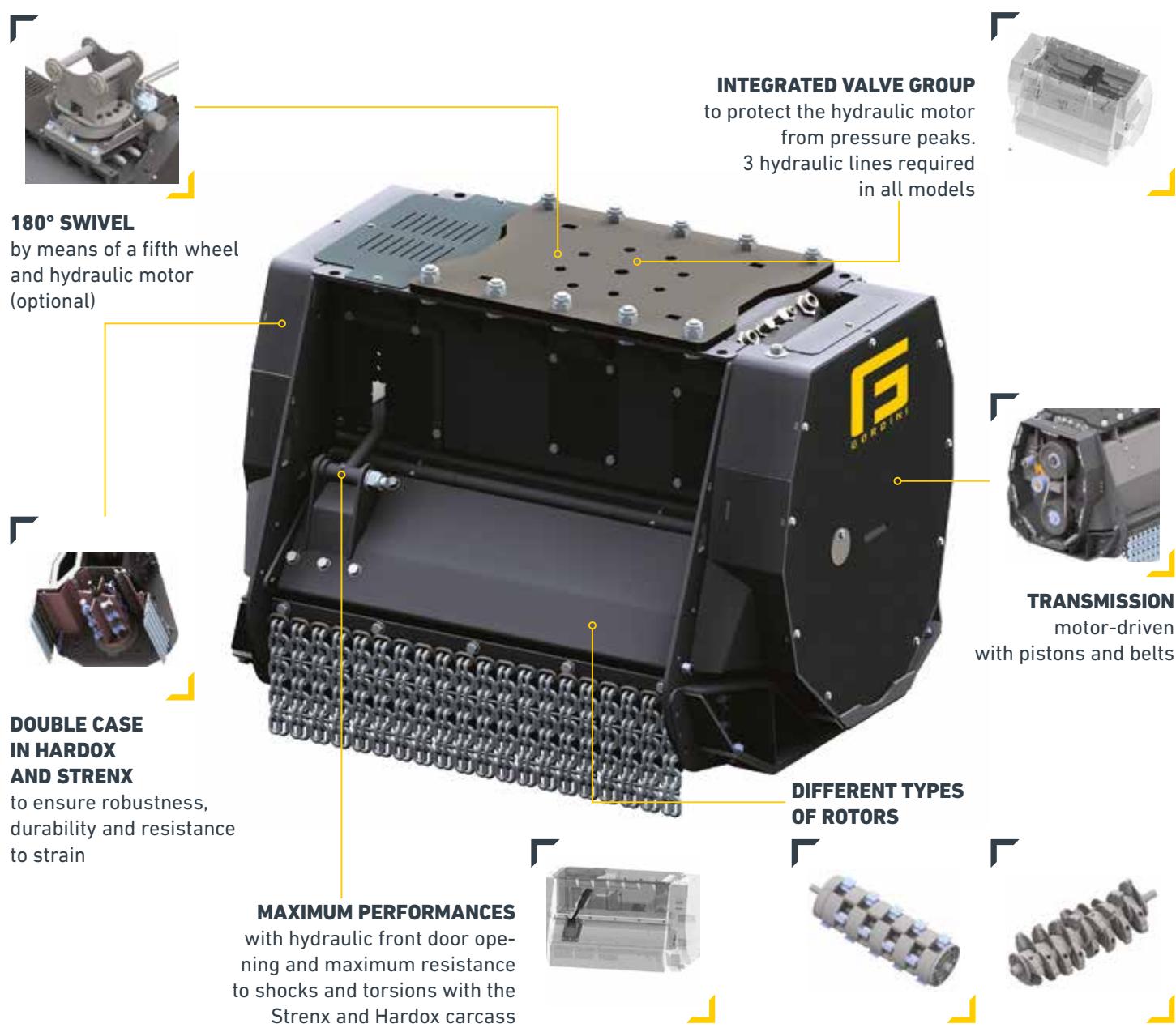
	Overall size in standard configuration	A cm	63	90	110	95	115	90	110	115	135	145
		B cm	55	60	60	58	58	60	60	69	69	88
		C cm	65	75	75	84	84	75	75	94	94	94



GREEN LINE

TFC **TFAM** **TFA** **TFW** **TFX** **TFS**

FORESTRY EXCAVATOR MULCHER



The excavator forestry mulcher is particularly suitable for **heavy and burdensome work in the forestry sector**: it is ideal for **deforesting**, opening **fire strips**, opening **paths**, **cutting down trees** and more generally carrying out a deep cleaning of woods and forests.

The **structure** made of **Hardox** and **Strenx** allows the forestry mulcher to have a **great impact resistance** and to have a **long life**.

The **piston engine** allows to have an **excellent yield** and to sustain high work rates.

The **front hood can be opened** in order to inspect the **rotor**

and to carry out any type of **maintenance** on it.

For the TFAM and TFB models the rotor is made up of retractable mobile tools; while for models TFC, TFA, TFW, TFX, TFB from fixed tools with wear-resistant insert.

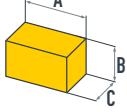
All models are equipped with a **hydraulic valve unit** that can **protect the hydraulic motor** of the boom-mounted forestry mulcher in the face of **pressure peaks** that can occur during work.

There is also a **height-adjustable support roller** to ensure **stability** to the shredder, in addition to the two sturdy, replaceable **side skids** made of wear-resistant steel.



Model	TFC		TFAM		TFA		TFB			TFW		TFX		TFS		
	80	100	100	100	100	120	140	120	140	120	140	120	140	120	140	160

Technical data	um															
Working width	mm	730	930	910	930	930	1130	1330	1130	1330	1130	1330	1100	1300	1500	
Oil flow min-max	lt/min	40-55		75-90		100-120		100-120		130-140		180-200				
Oil pressure min-max	bar	230-250		240-260		250-300		250-300		250-310		250-310				
Weight standard configuration	Kg	350	400	550	560	820	900	980	920	1010	1040	1170	1230	1360	1430	
Max cutting	Ø mm	80		100		120			150		250		400			
Rotor diameter	Ø mm	342		360		410			410		440		520			
Collapsible swinging tool	n.	-		18		20		24		-		-		-		
Fixed tool with anti wear inserts	n.	29	37	-	37	-	-	-	30	36	30	36	30	36	42	
	ton	5,0-7,0		6,0-11,0		10,0-16,0			10,0-16,0		16,0-20,0		20,0-35,0			

	Overall size in standard configuration	A cm	100	120	120	127	147	167	147	167	153	173	155	175	195
		B cm	55	55	80	73	73	73	73	73	80	80	88	88	88
		C cm	95	95	80	92	92	92	105	105	105	105	112	112	112



GREEN LINE **MTC TC**

MINI MULCHER/MULCHER



MTC - MIN MULCHER

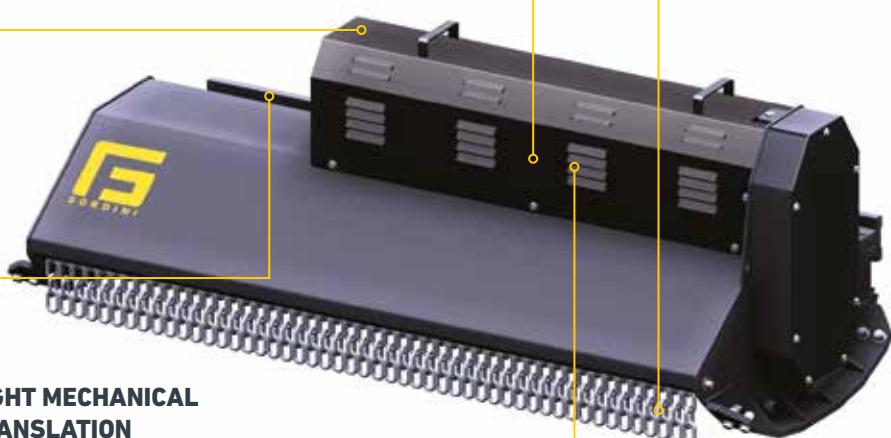
INTEGRATED VALVE GROUP

to protect the hydraulic motor from pressure peaks.
3 hydraulic lines required in all models



**ROTOR
WITH HAMMERS
OR KNIVES**
(on request)

TC - MULCHER



**FRAME WITH
FLOATING SYSTEM**
for TC models



**RIGHT MECHANICAL
TRANSLATION**
for working flush with the wall by means of worm screw for TC models (hydraulic translation on request)

The mulcher is particularly suitable for **shredding small grass or shrubs**, it is generally used for the maintenance of **public green areas** and for cleaning the **undergrowth**.

The **sturdy composition of the body** makes it particularly suitable for carrying out heavy work and, **combined with the quality of the hydraulic components** used, ensures its operation and **excellent durability** over time.

In the **TC models** there is a **mechanical translation** to the right of 40cm, to carry out **mowing work flush with the wall**; on request it is possible to have hydraulic translation.

The MTC models, on the other hand, consist of a fixed frame. **All models** are equipped with a hydraulic valve unit that can protect the hydraulic motor of the front shredder in the face of pressure peaks that can occur during work. In addition, all models **require 3 hydraulic lines** (delivery, return and

drainage), for further protection and to avoid any type of problem in the hydraulic system.

The **rotor**, for MTC models, can be made up of **knives** (mainly for cutting grass) or **hammers** (for cutting flower beds or small shrubs); in the TC models, on the other hand, the rotor is made with mallets to be able to cut grass or shrubs.

The **TC models** are equipped, in the standard version, with a **floating system on the frame** that allows the shredder to always remain adherent to the surface and allow **excellent cutting precision**.

All models are equipped with a **height-adjustable support roller** to ensure **stability** to the shredder, in addition to the **two sturdy, replaceable side skids** made of wear-resistant steel.



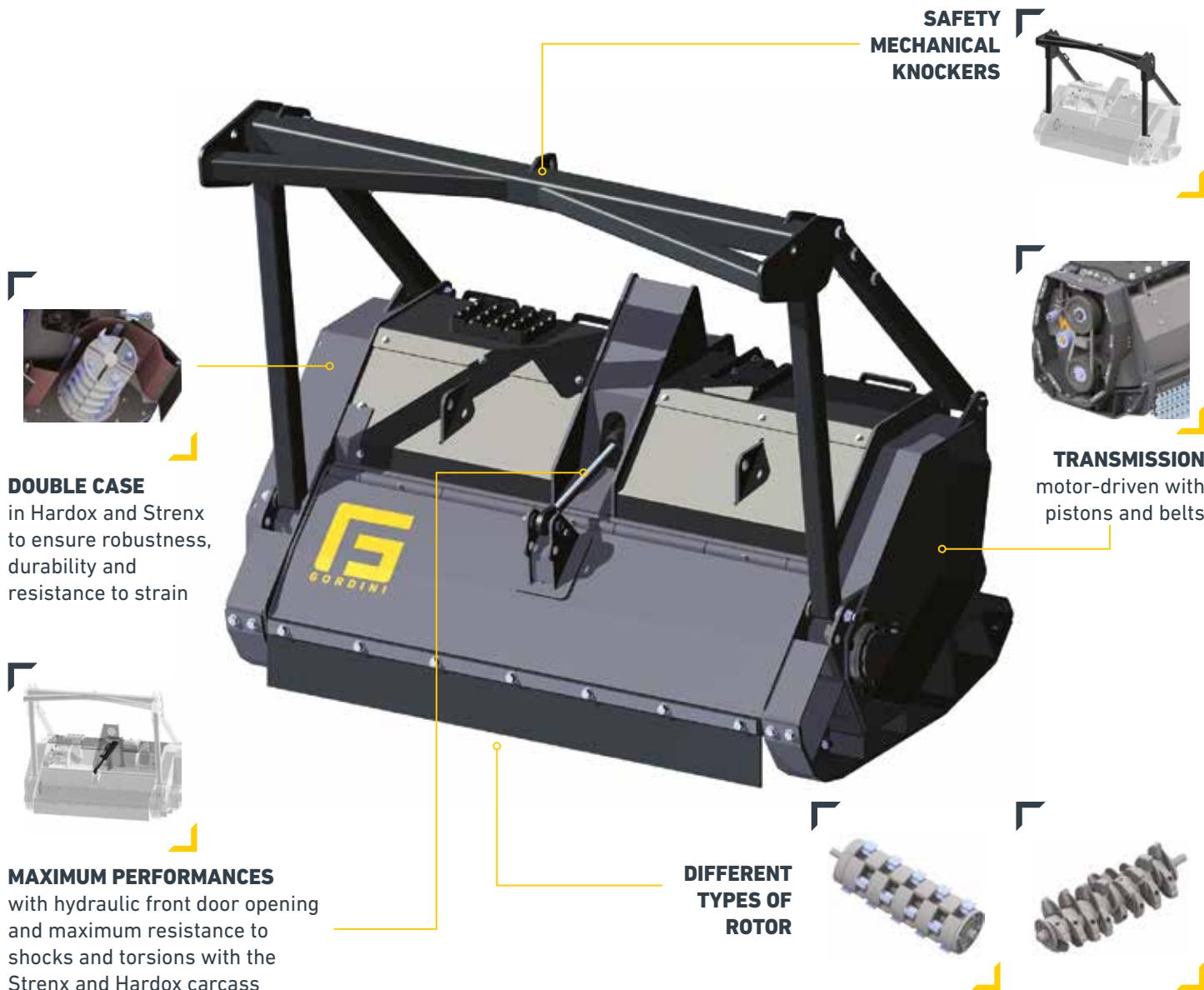
Model	um	Standard flow				High flow		
		MTC 115	MTC 125	MTC 145	TC 145	TC 160	TC 180	TC 200
Working width	mm	1100	1200	1400	1390	1540	1740	1940
Oil flow min-max	lt/min		30-40		50-70		70-90	90-110
Oil pressure min-max	bar		180-200			180-220		
Weight standard configuration	kg	220	235	250	670	710	750	800
Max cutting	Ø mm		25		50		60	
Hammer	n.	32	34	40	14	16	18	
	ton	1,7-2,5	2,0-2,8	2,5-3,6	2,2-2,8	2,6-3,8	3,4-4,4	4,0-4,8
	ton	2,2-3,0	2,5-3,5	3,0-4,4	3,0-4,8	4,6-5,6	5,0-6,2	6,0-8,0
	ton	-	-	-	-	-	5,2-7,0	6,8-9,0

	Overall size in standard configuration	A cm	169	184	204	169	184	204	224
		B cm	93	93	93	93	93	93	93
		C cm	135	135	135	135	135	135	135



GREEN LINE **TFM TFF**

FORESTRY MULCHER



The front forestry mulcher is particularly suitable for **heavy and heavy-duty** forestry work: it is ideal for **deforesting**, opening **fire strips**, opening **paths**, **cutting down trees** and more generally carrying out a deep cleaning of woods and forests.

The **structure** made of **Hardox** and **Strenx** allows the frontal forestry mulcher to have **great resistance to impacts** and to have a **long life**.

The **upper mechanical tree feller** guarantees **excellent protection to the machine cabin** against logs that can fall once felled with the front forestry mulcher.

The **piston engine** allows to have an excellent yield and to **sustain high work rates**.

The **front hood** can be opened **hydraulically** in order to in-

spect the rotor and to carry out any type of maintenance on it.

For the **TFM** models the **rotor** is made up of **retractable movable tools**; while for the **TFF** models from **fixed tools** with wear-resistant insert.

All models are equipped with a **hydraulic valve unit** that can **protect the hydraulic motor of the front shredder in the face of pressure peaks** that can occur during work.

There is also a **height-adjustable support roller** to ensure stability to the shredder, in addition to the two **sturdy, replaceable side skids** made of wear-resistant steel.

Upon request, it is possible to **have the 180° swivel support**, which therefore allows you to rotate the forage harvester without the aid of any external system.



Model	TFM 160	TFF 150	TFF 170	TFF 180
Technical data	mm			
Working width	mm	1540	1500	1700
Oil flow min-max	lt/min		100-130	
Oil pressure min-max	bar		200-300	
Weight standard configuration	kg	1170	800	900
Max cutting	Ø mm		150	
Collapsible swinging tool	n.	30	-	-
Fixed tool with anti wear inserts	n.	-	57	65
	ton	3,0-4,8	3,0-4,8	3,0-4,8
	ton	6,0-8,5	6,0-8,5	7,0-9,5
	ton	6,0-8,5	6,0-8,5	7,0-9,5

	Overall size in standard configuration	A cm	189	177	197	209
		B cm	155	71	71	155
		C cm	111	103	103	111

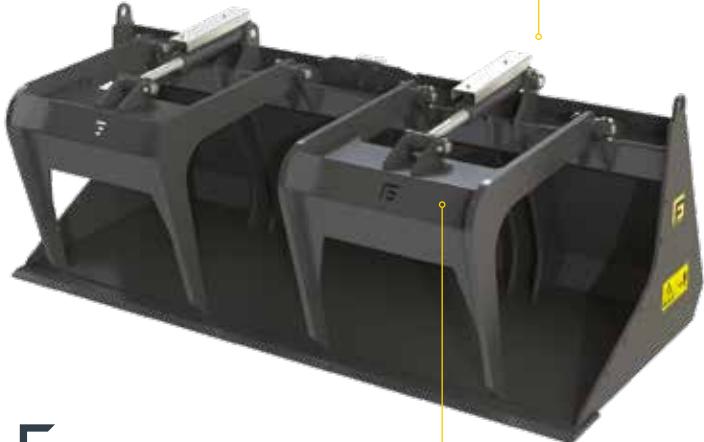


GREEN LINE

PI PH PA FA

GRAPPLES

PI - INDUSTRIAL GRAPPLE



UPPER BITES

independently operable from each other by two cylinders hydraulic to retain the materials heavier during the transport

PH - HEAVY DUTY GRAPPLE



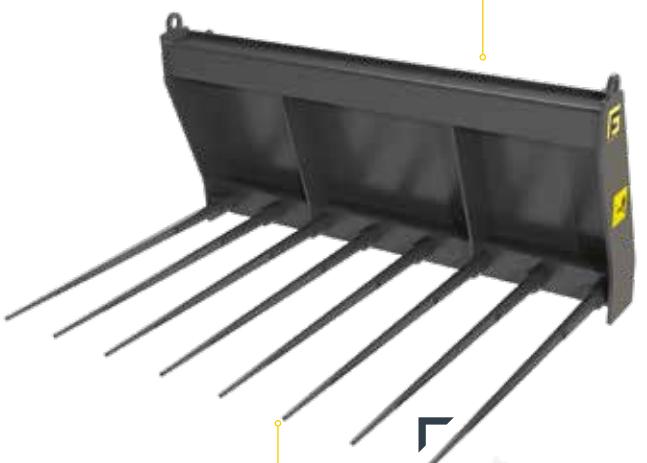
PA - FARM GRAPPLE



UPPER BITES

independently operable from each other by two cylinders hydraulic to retain the materials heavier during the transport

FA - FARM FORK



REMOVABLE LOWER TIPS

for collecting agricultural material

The range of GF front grippers and forks is used for **waste or recycling material collection, agricultural** material collection, moving **building materials** or other. There are 4 available models: industrial grapple, farm grapple, farm

fork and heavy duty grapple.

All models are made with a **robust structure**, so that they can withstand any type of stress and can ensure **excellent durability** over time.



PH	Heavy Duty Grapple	Model	PH 140	PH 155	PH 168	PH 185	PH 205
PI	Industrial Grapple	Model	PI 140	PI 155	PI 168	PI 185	PI 205

Technical data		um					
Working width	mm	1400	1550	1680	1850	2050	
Upper spikes	n.			4			
Upper grapples for mod. PH	n.	9	10	11	12	14	
Lower spikes width for mod. PH	mm		800			850	
Weight standard configuration for mod. PH	kg	370	400	430	490	580	
Weight standard configuration for mod. PI	kg	275	300	320	350	495	
	ton	1,9-2,5	2,2-2,8	2,6-3,6	3,4-4,2	4,0-4,8	
	ton	2,3-3,2	2,8-3,6	3,4-4,6	4,4-5,6	5,0-7,5	
	ton	2,8-3,4	3,0-3,8	3,6-5,2	5,0-6,0	5,8-6,6	
	ton	-	-	-	4,0-5,0	4,8-6,0	

	Overall size in standard configuration	A cm B cm C cm	140 73 PI-79 / PH-86	155 73 PI-79 / PH-86	168 73 PI-79 / PH-86	185 73 PI-79 / PH-86	205 87 PI-90 / PH-88
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PA	Farm Grapple	Model	PA 125	PA 140	PA 155	PA 168	PA 185
FA	Farm Fork	Model	FA 125	FA 140	FA 155	FA 168	FA 185

Technical data		um					
Working width	mm	1250	1400	1550	1680	1850	
Upper grapples for mod. PA	n.			4			
Lower spikes	n.	8	9		10		11
Lower spikes width	mm			800			
Weight standard configuration for mod. PA	kg	195	220	240	260	285	
Weight standard configuration for mod. FA	kg	135	155	170	185	200	
	ton	1,3-1,8	1,7-2,4	2,0-2,6	2,2-3,0	2,4-3,5	

	Overall size in standard configuration	A cm B cm C cm	125 PA-74 / FA-61 90	140 PA-74 / FA-61 90	155 PA-74 / FA-61 90	168 PA-74 / FA-61 90	185 PA-74 / FA-61 90
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