



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.

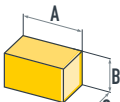
On request, it is possible to have the **water pressure kit** with sprayers to reduce dust.





Model	WE 450	WE 600
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Technical data	um		
Standard wheel width	mm	130	
Wheel width, min-max	mm	50-130	80-200
Trenching depth with std. wheel	mm	150-450	200-600
Standard concrete picks	n.	66	80
Oil flow min-max ⁽¹⁾	lt./min	100-140	120-160
Oil pressure min-max ⁽¹⁾	bar	170-300	
Weight standard configuration	kg	1200	1320
Depth adjustment		Hydraulic	
Right and left sideshift	mm	650	
Average milling speed (standard wheel/max depth)	mt/min	0,6-5,5	0,5-4,5
	ton	3,2-4,5	4,0-5,2
	ton	6,0-8,5	7,0-9,5
	ton	6,0-8,5	7,0-9,5

	Overall size in standard configuration	A cm	162	168
		B cm	163	198
		C cm	200	218

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



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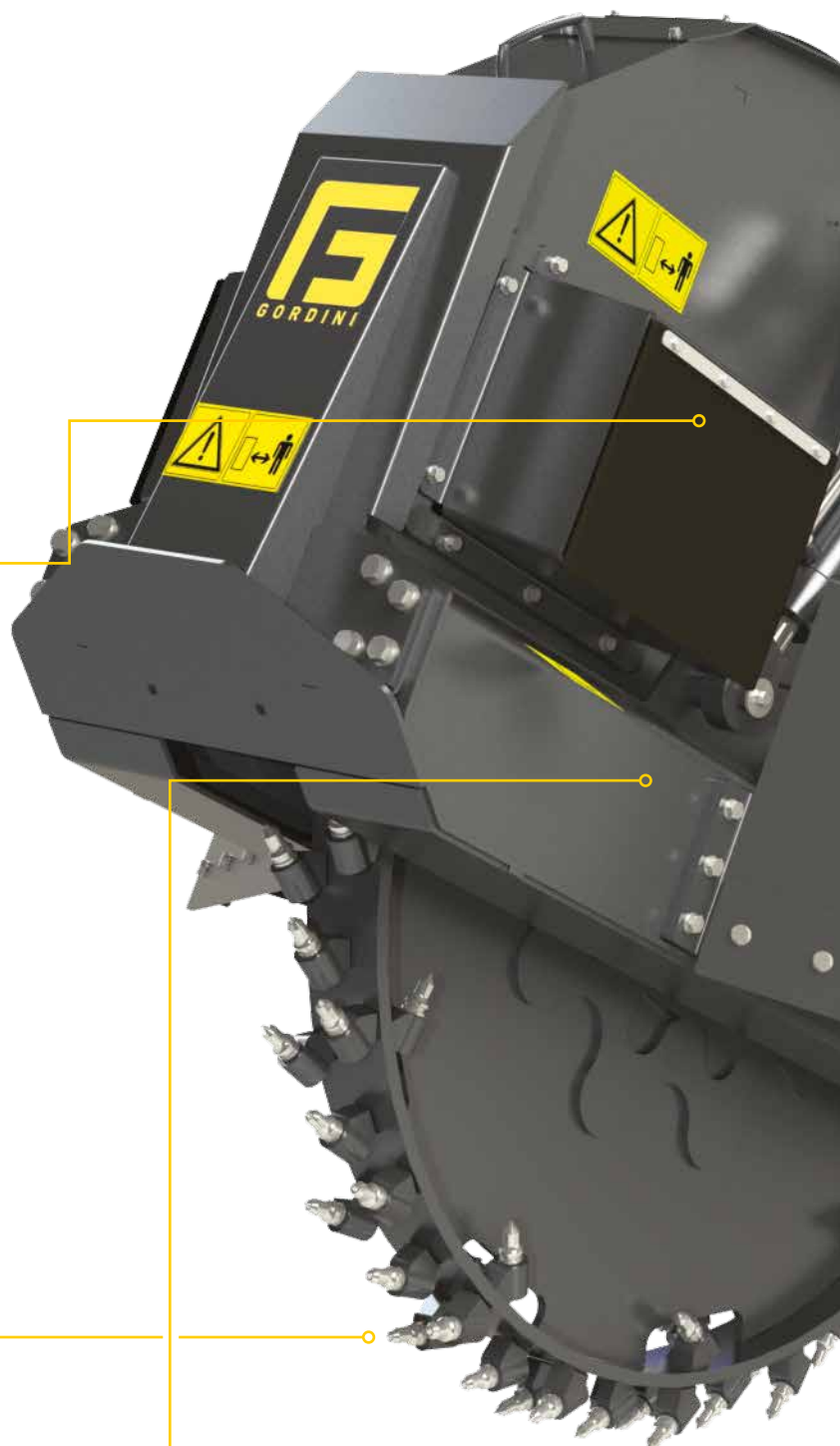
4 MATERIAL OUTLETS (2 FOR EACH SIDE)

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.



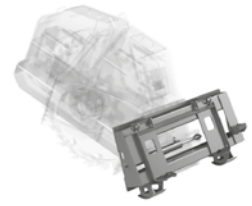
HYDRAULIC DEPTH ADJUSTMENT WITH SUPPORT SKIDS, WHICH ALLOW GREAT STABILITY

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.

