

WALL SAW WS-301

with high-frequency drive and 330 mm cutting depth

With an output of **11 kW** the fully-electric wall saw **WS-301** is the **most powerful saw of its class**.

The saw captivates by its extremely **compact design**. Blade drive motors and additional motors are protected by being integrated in one housing.

The **large radius of the swivel arm** enables direct operation of a 800 mm saw blade without precut.

The complete electric/electronic has been designed and certified according to the **EMV-regulations** (electromagnetic compatibility). This makes the saw applicable without any problems also in sensitive areas such as hospitals or airports.

The saw is equipped with a **buffer** for the final stop.

The water supply to the saw blade can be interrupted by means of a bypass function. Thus the WS-301 can also be operated in dry cutting mode.

The **large carrying handles** enable comfortable transport on the job site.



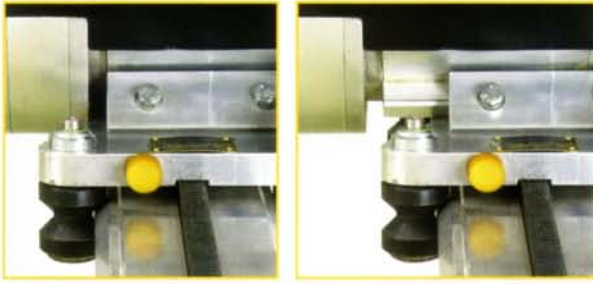
The control box of the WS-301 serves for taking the necessary electronics as well as a transport box for the cutting head.

The **rubber-bedded electronic** is placed in the upper part, protected against shocks. It has been designed for a **permanent output of 15 kW** and a peak capacity of 23 kW.

The feed drive is placed behind the front cover. The lower part of this compartment can also be used for the **comfortable transport of the WS-301**.

Also on uneven terrain the **large wheels** enable to move forward easily.

The electronic can also be utilized for the **control** of the **CEDIMA Automatic Wire Saws CSA-500 E** and **CSA-1001 E**.



Control unit for all function of the WS-301 (with 10 m cable to the control box)

Technical data		WS-301
Blade drive	---	electric
Motor type	---	water-cooled high-frequency elec. motor
Delivered output S1/S6	kW	9/11
Max. cutting depth	mm	330
Max. blade-Ø	mm	800
Feed / lowering	---	electric
RPM cutting arbor	---	infinitely adjustable
Total weight	kg	29
Dimensions L/W/H	mm	365/360/380

* S1 - permanent output / S6 - output at discontinued operation

Technical data		Control box
Permanent output S1	kW	15
Short-term output (1 min)	kW	23
Dimensions L/W/H	mm	390/580/970
Weight	kg	44
Accessories	---	10 m cable to the saw

The blade guard, 2 pieces, for the WS-301 is made of light aluminium. The „drive-along“ blade guard can be opened for cuttings in corners.

A flush cutting blade guard is available as well. The flange for flush cutting of the WS-400 can also be utilized for the WS-301.



The guide rails of the WS-301 are made of **torsion-resistant aluminium profiles**. Thus a **very low weight** could be obtained.

The rails blocks are manufactured of a high-solid magnesium alloy. They are equipped with a dove-tail receptacle and can be infinitely displaced on the rail.

The rails are connected by means of an aluminium-made connecting device.

The rail system of the WS-400 can be utilized without any modifications. The rails are available in 700, 1400 and 2100 mm.

