

PRODUCT-INFORMATION



Mini Automatic Wire Saw CSA-100

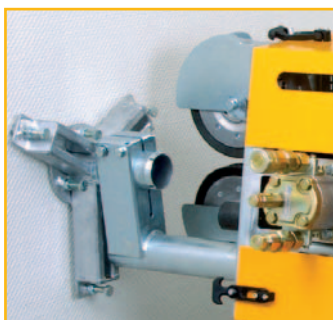
The new standard for this range of machines.



The **CEDIMA CSA-100** is a repeatedly patented and awarded machine for the execution of small and medium separating cuts by means of diamond wires.

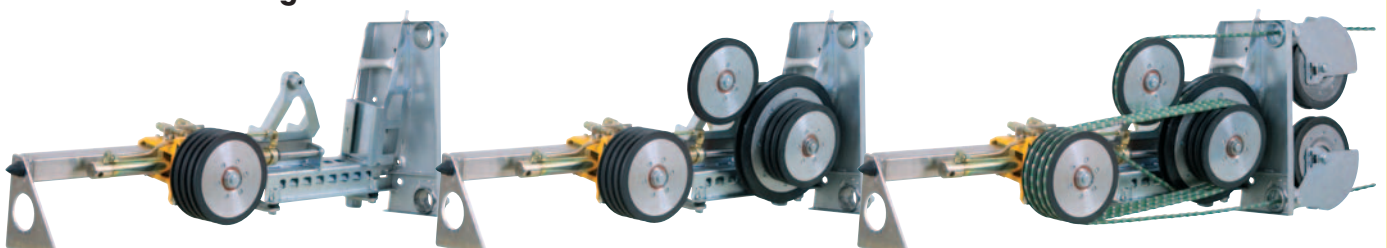
Despite its **small dimensions** and its **low weight** you can achieve an extremely high output of **up to 20 kW**.

- extremely light and compact basic machine, only 48 kg
- high output, up to 20 kW
- short set-up and cutting times, patented protective and security technology
- large wire storage (wire feeder 6,5 m + 1,5 m external = 8 m)
- wire diameter 6 – 12 mm, recommended 8,5 mm
- only 2 dowel points + 4 bore holes at the edges necessary for making of window or door opening
- drive technology either hydraulic or with the new-type CEDIMA high-frequency electric drive
- variable wire speed 0 – 27 m/s of high-frequency electric drive
- very easy handling due to automatic feed system
- extremely easy transport, especially for the high-frequency version
- highgrade aluminium rolls with exchangeable rubber bandages
- wide range of accessories such as
 - wall foot type P-6000 with mounting tube, set of wheels for foot P-6000
 - precise pivoting foot by 360°
 - ground mounting foot
 - various rolls and wire guiding systems



By means of the precise pivoting foot and corresponding mounting tubes the machine can optionally be fixed to the ground or directly to the wall.

The modular construction makes the CSA-100 the ideal 1-man machine. The single components do not exceed 21 kg.



Technical data CSA-100

CSA-100 (optional hydraulic or high-frequency electric drive)		
Max. output with hydraulic motor HM-23	kW	20
Max. output with high-frequency electric motor HFM-18	kW	18
Wire storage capacity	m	6,5 + 1,5
Wire diameter from - to	mm	6 - 12
Recommended wire diameter	mm	8,5

Dimensions and weights		
Transport dimensions	mm	1050 x 300 x 460
Weight of basic machine without drive and swivel rolls	kg	48
Weight per swivel roll	kg	3
Weight of hydraulic motor HM-23	kg	6,8
Operational weight hydraulic with HM-23 and swivel rolls	kg	61,8
Weight of high-frequency electric motor HFM-18	kg	17
Operational weight electric with HFM-18 and swivel rolls	kg	71

Necessary hydraulic connection values		
Required oil quantity for hydraulic drive	l/min	25 - 45
Max. working pressure of hydraulic drive	bar	250
Required oil quantity for feed	l/min	1 - 2
Working pressure of feed	bar	0 - 95

Technical and optical alternations of CEDIMA products are subject to change without prior notification!

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