

ESB 500

Drilling unit for cross corner brackets



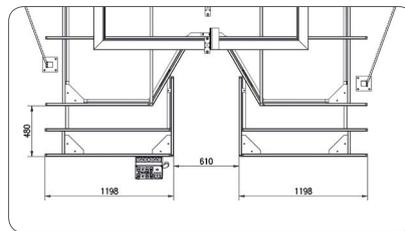
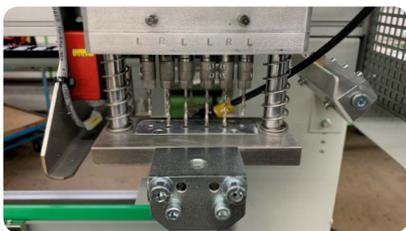
Product data sheet
ESB 500
01/22 PR60082

Our know-how - your advantage

The drilling unit ESB 500 allows for a very efficient drilling of the bores for cross corner brackets with identical bores on frame corners and transoms. Adaptation of the multi-spindle drilling head according to customer's hardware specification so that the ESB 500 can be easily integrated in your production line in a flexible way

Smooth and automatic machining is ensured through two hydro-pneumatic drilling units with automatic height scanning of profile and a pneumatic centering device via inner stops as well as a user friendly PLC control. Flexibility is highlighted by the optionally available drilling heads turnable by 90 degrees. Thus, it is possible to materialize cross corner brackets in the transom zone. Moreover, a sustainable investment is guaranteed by the use of optional adjustment of drilling heads for two different profile overlaps.

A support table with brush strips respectively mushroom profile with deposit possibilities for hardware components ensure ergonomic working.



A compact solution

The 6-spindle drilling head with integrated scanning of profile heights and insides with blower device ensure highest process safety.

Ergonomic working

The support table extension (optionally available) facilitates the hardware assembly considerably.

Efficiency

Switchable drilling heads, turnable by 90 degrees, for drilling in the transom zone can be handled easily via push button.

Technical information



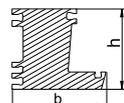
735 kg



230 7 400 V
50 - 60 Hz
L1-L2-L3-N-PE
2,5 kW



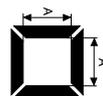
7 bar



b min. = 50 mm
b max. = 140 mm
h min. = 40 mm
h max. = 130 mm



approx. 55 litres
(per element)



A min. = 340 mm
(inside)
A max. = 2950 mm
(inside)

Technical data are valid for basic machine without options. Size according to layout.

Urban GmbH & Co. Maschinenbau KG

Dornierstraße 5
DE - 87700 Memmingen
Tel.: +49 (0) 8331 858 - 0
E-Mail: urban@u-r-b-a-n.com
www.u-r-b-a-n.com

Subject to errors and modifications