

Product information

- ▶ Drilling machine for efficient drilling of KEIL undercut drill holes for use in the workshop or on the building site (total weight approx 90 kg). The multidirectional roller conveyor (1,500 mm x 600 mm) with pneumatic panel fixing equipment warrants very good handling, simple operation and fast conversion to another hole distance.
- ▶ Once the insertion depth h_s has been set, panels of different thicknesses can be drilled without further adjustments.
- ▶ The depth position of the undercut hole can be chosen in consistence with either the front or the back side of the panel. For undercut drillings in consistence with the front side of the panel the conversion set for front face related must be fitted.
- ▶ The portable undercut drilling machine can be disassembled and used with the vacuum base (without roller conveyor).
- ▶ Feet adjustable in height
- ▶ Machine can be used separately
- ▶ Max. panel format 1,200 x 600 mm

Volt	Hertz	PRCD	plug	article no.
230 V	50 Hz	yes	D	532 500 201
115 V	50–60 Hz		on demand	

Application

- ▶ For drilling and undercutting.

Possible usage

- ▶ With KEIL diamond tipped façade drill bits.

Fitting drilling tools

- ▶ Diamond tipped façade drill bit (p. 28, 32)
- ▶ Diamond tipped façade drill bit with countersink (p. 29, 33)
- ▶ Carbide tipped façade drill bit HM (p. 34)
- ▶ Portable drilling machine KRDV (p. 40)
- ▶ Portable drilling machine KSHV (p. 42)

Spare parts

- ▶ Chuck for portable drilling machines (p. 52)
- ▶ Flushing chuck for KSDV, KRDV (p. 52)
- ▶ Grooved ball bearing (p. 52)
- ▶ Fastener set 1 (p. 53)
- ▶ Carbon brush set (p. 53)

Design



Drilling table with multidirectional roller conveyor 1,500 mm x 600 mm incl. portable undercut drilling machine KSDV

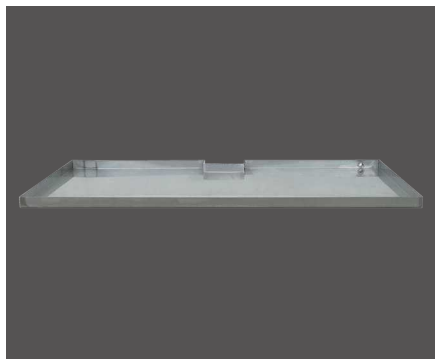
- ▶ Stainless steel
- ▶ With pneumatic panel fixing (manual control)
- ▶ 2 stop rails
- ▶ 4 swivelling stops
- ▶ Service unit
- ▶ Max. edge distance of drill hole in y = 150 mm
- ▶ Wooden crate

Instructions for use

- ▶ Rotational speed approx. 10,000 rpm.
- ▶ Usage of the cooling lubricant 532 500 035 (p. 49) will prolong the life time of the diamond tipped façade drill bit significantly and protect the parts covered in cooling water from corrosion.

INTERESTING FACTS
 ASSEMBLY INSTRUCTIONS
 UNDERCUT ANCHORS
 FIXING DEVICES
 DRILLING TOOLS
 DRILLING TECHNIQUE
 ASSEMBLY AIDS
 GENERAL INFORMATION

ACCESSORIES DRILLING TABLE WITH ROLLER CONVEYOR KRT



Collection basin

Basin for collecting the cooling water (p. 48).



Circulation water supply

Circulation water supply for one / several KEIL undercut drilling machines (p. 48).



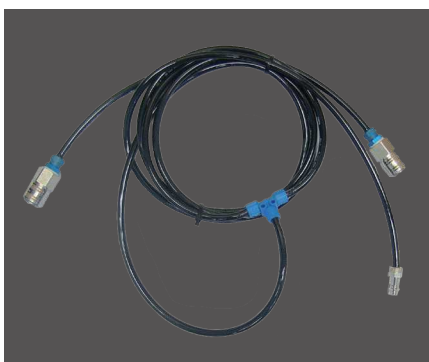
Cooling lubricant

Anticorrosive additive for cooling water (p. 49).



Water pressure tank

Mobile stainless steel pressure tank 10 l with manual pump and connection for pneumatic line (p. 48).



Air connection

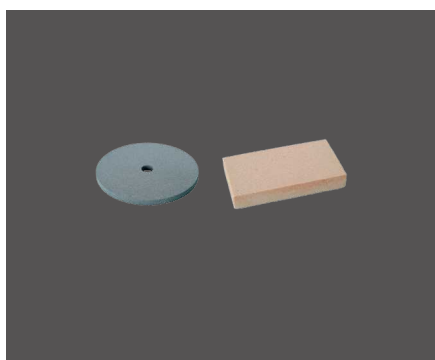
Connecting hose (T-piece) for the simultaneous connection of the water tank and the machine to a compressed air supply (p. 49).

Vanke Pavilion (EXPO 2015), Mailand, IT © Hufton + Crow, Studio Libeskind



Conversion set KRT “Front face related drilling“

(p. 49).



Whetstones

For whetting diamond tipped façade drill bits (p. 51).

