

Drilling unit B63



B63 belt drive with a special spindle

B63 direct drive

Our B 63 drilling unit offers versatile application options in mechanical engineering for drilling metal, wood and plastic.

Special features:

The B63 can be equipped with a cam bar to skip cavities. This is attached to head and cover of the unit on side of the air connections. This results in much shorter drilling times.

Another special feature is that the oil brake cylinder can drive the full stroke of the drilling unit in feed and rapid mode. (In the standard version, the feed is switched on by an adjustable stop, or for an additional charge as a snap-action rapid traverse feed.).

For the drilling unit, an auxiliary cylinder can be used at any time with very little effort, for example, when the force for multiple spindle drilling is not enough.

Design:

The drilling unit is mostly made of anodized aluminium and corrosion-free or corrosion-resistant material. Seals and guides are maintenance-free, so the unit can be operated without oiler and with clean and dry air.



Drilling unit B 63/125 R with oil brake cylinder belt drive

Drive power:	optionally 0.75 KW or 1.1 KW as a special design up to 2.2 KW
Spindle speed:	at 0.75 KW between 470 and 8000 Rpm at 1.1 KW between 900 and 8000 Rpm
Drive:	three-phase motor with V-ribbed belt
Feed:	pneumatic max. 200 mm with oil brake cylinder, the standard stroke is 125 mm
Feed force:	at 6 bar 1120 N at 8 bar 1490 N
Feed force with Auxiliary cylinder:	at 6 bar 2300 N at 8 bar 3050 N
Tool holder:	UNF 1/2"-20 threads for drill chuck, Gang-style spindle head and chuck holder
Weight:	approx. 24,5 kg
Assembly:	on the head 4 x M8 with centering spigot Ø60 mm and pitch circle Ø80 mm or head and cover 4 x M8 (see drawing)
Application:	drilling of metal, wood and plastic.

Design:

The drilling unit is mostly made of anodized aluminium and corrosion-free/corrosion-resistant material.

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Equipment:

Equipped with an adjustable power stroke, oil brake cylinder, depth stop, pneumatic depth switch-off and signalling, as standard.

- On request:
- Fitting groove and pin holes
 - Return stroke limitation control ring
 - Inductive sensor for bore depth
 - 1 reed switch for starting position
 - Rapid motion feed switching valve