

Drilling unit B63 multi-spindle 125 stroke with oil brake cylinder



Application:

The B63 drilling unit offers versatile application options for drilling metal, wood and plastic.

Special featureen:

The B63 can be equipped (depending on the spindle spacing) 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 motion. In the standard version, the feed is switched on by an adjustable stop, or for an additional charge as a snap-action rapid traverse.

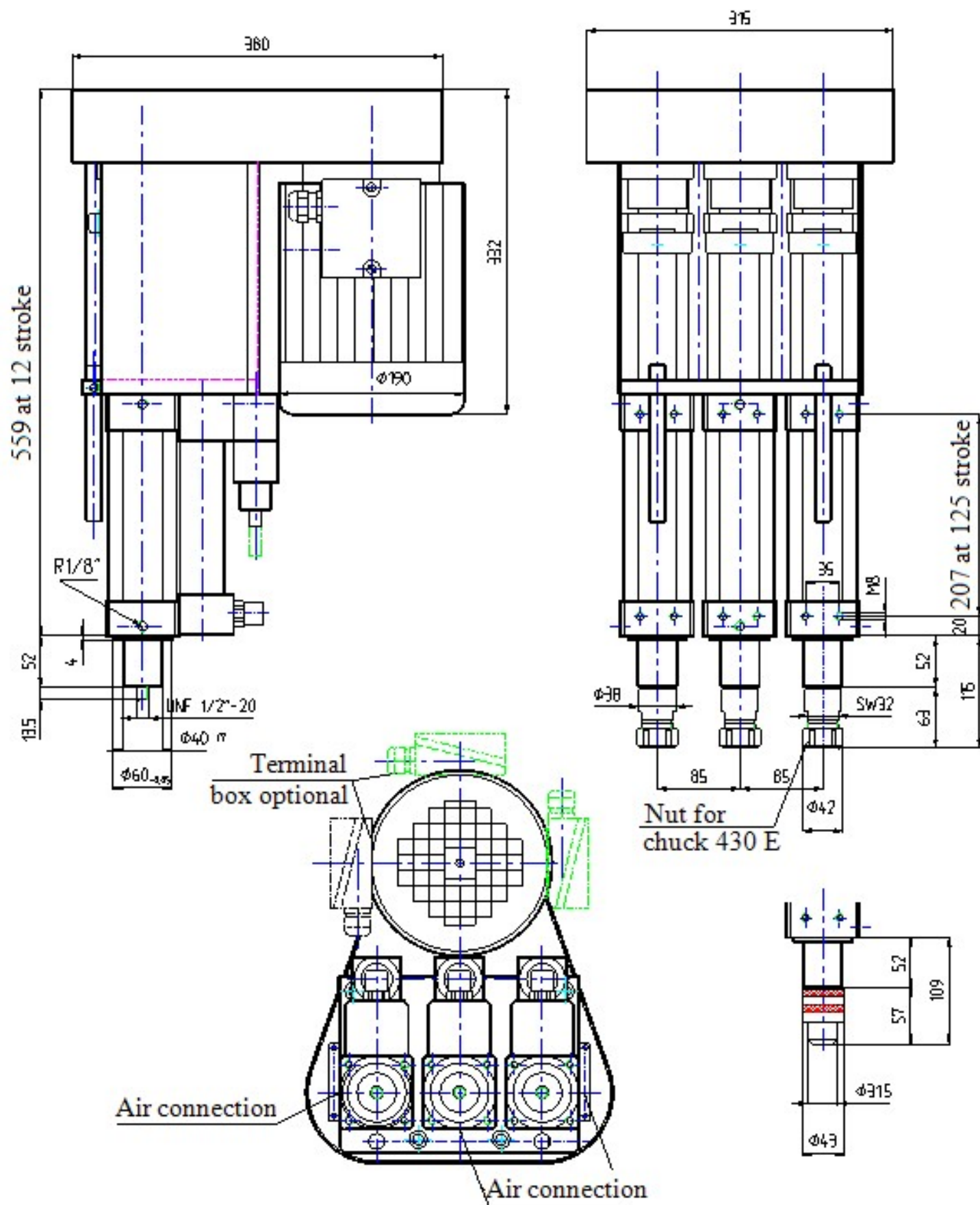
Design:

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

Equipment:

The drilling unit is equipped with adjustable power stroke, depth stop, signalling and oil brake cylinder as standard.

Return stroke, rapid-flange feed-off valve and control system for DS1 rapid feed are available on request.



Technical data:

Drive power: optionally between 1,1 KW – 2,2 KW

Spindle speeden:
 at 1,1 KW 540 - 5000 Rpm
 at 1,5 KW 833 - 5000 Rpm
 at 2,2 KW 1550 - 5000 Rpm

Drive: three-phase motor with V-ribbed belt

Feed: pneumatic, max. 125 mm with oil brake cylinder

Feed force:
 at 6 bar 1120 N
 at 8 bar 1490 N

max. drilling capacity: in St 50 Ø 12 mm

Tool holder: UNF 1/2"-20 threads for drill chuck, Multi-spindle drilling heads and chuck holder

Weight: approx. 58 kg

Assembly: on the head 4 x M8 with centering spigot Ø 60 mm and pitch circle Ø 80 mm or on head and cover 4 x M8 per spindle (see drawing)