

THREAD TAPPING DEVICES

DG 36 | Art. no.: 3081036

Electrical
with freely positionable
swivel arm



Pneumatic tapping devices, compact in design and therefore very smooth-running

Facts that impress in terms of quality, performance and price

- For thread tapping in steel, stainless steel, aluminium and non-ferrous metals.
- It is highly productive and saves a significant amount of time compared to manual thread tapping.
- It is highly economically efficient due to its low investment and maintenance costs.
- Flexible operation, multi-angle adjustable
- Air springs on both sides for a stable hold
- Quick-release chuck
- Greater accuracy compared to manual thread tapping
- Includes swivel arm with large radius for easy positioning of the tap on the workpiece
- Includes function for swivelling the head for horizontal and vertical thread cutting.

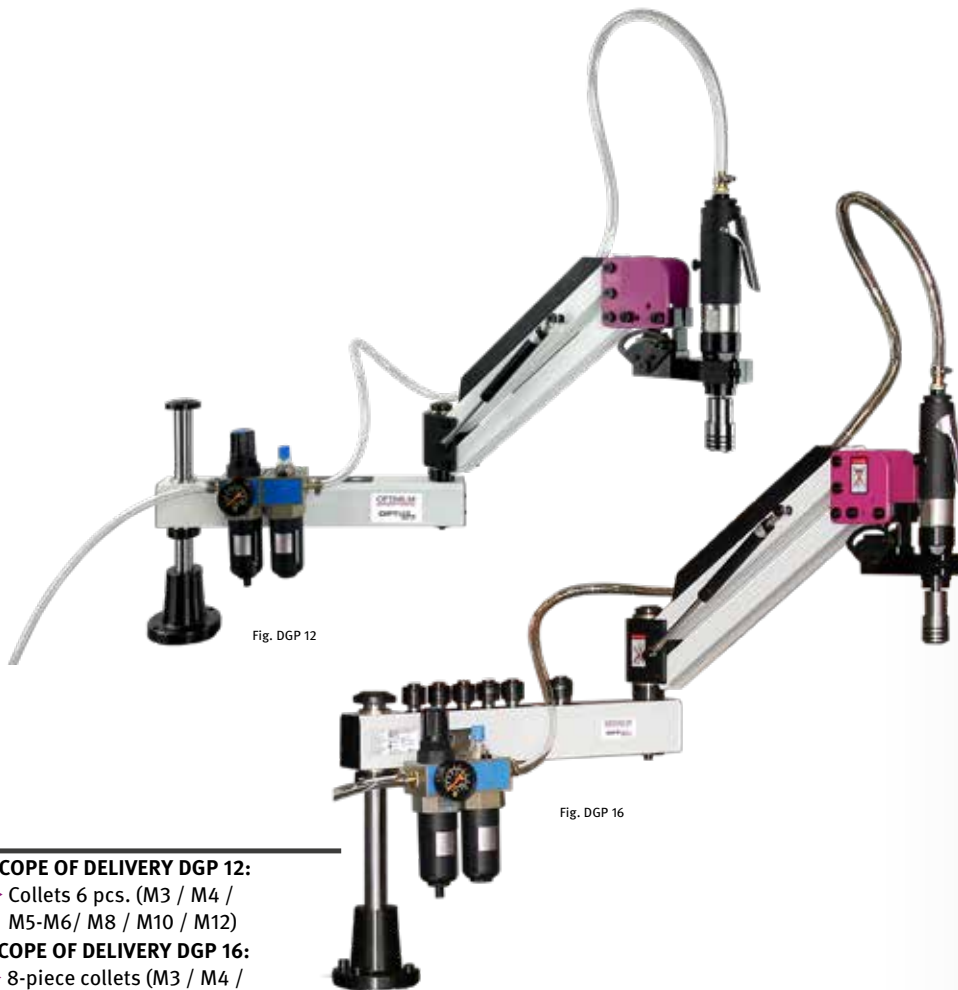


Fig. DGP 12

Fig. DGP 16

SCOPE OF DELIVERY DGP 12:

- Collets 6 pcs. (M3 / M4 / M5-M6 / M8 / M10 / M12)

SCOPE OF DELIVERY DGP 16:

- 8-piece collets (M3 / M4 / M5-6 / M8 / M10 / M12 / M 14 / M 16)

Machine data	DGP 12	DGP 16
Article no.	3081120	3081126
Technical data		
Inlet pressure	6- 8 bar	6- 8 bar
Tap diameter	M3- M12	M3- M16
Orientation	Vertical / Horizontal	Vertical / Horizontal
Maximum working radius (R1)	860 mm	860 mm
Minimum working radius (R2)	330 mm	330 mm
Maximum working radius (L1)	877 mm	877 mm
Distance of the forearm shaft (L2)	330 mm	330 mm
Height adjustment (L3)	368 mm	368 mm
Length of the pneumatic head (L4)	340 mm	340 mm
Machining radius	860 mm	860 mm
Air consumption	0.11 m³/min	0.11 m³/min
Motor speed	400 min ⁻¹	250 min ⁻¹
Net weight approx.	20 kg	22 kg

Arguments,...



MAINTENANCE UNIT

- Two-part maintenance units, consisting of a diaphragm pressure regulator with secondary venting



PNEUMATIC MOTOR

- Lightweight and flexible



1 Mobile machine base

- Compatible with all OPTIMUM tapping devices
- Possibility of fastening the tapping device on the left and right side
- Incl. wheels with brakes for mobile use
- Cast iron plate with 3 T-slots (16 mm)
- Equipped with one door incl. handle and 5 drawers with ball bearings
- Dimensions (L x W x H): 900 x 600 x 800 mm

3 Permanent magnet

- for mounting the thread cutting device
- Load bearing capacity: 1000 kg



Accessories	Art no.
1 Base	3082000
2 Cutting oil spray	3872100
3 Permanent magnet	3082080
4 Cutting die holder GT12 M18-20	4460098

Electric thread tapping machine with freely positionable swivel arm for fast, precise threading in metals

Facts that impress in terms of quality, performance and price

- ▶ Servo motor, stable performance
- ▶ Flexible operation, multi-angle adjustable
- ▶ Intelligent touchscreen control, fast parameter setting
- ▶ Quick-release chuck
- ▶ Air springs on both sides for a stable hold
- ▶ Swivel arm with large radius for easy positioning of the tap on the workpiece
- ▶ High-torque servo motor
- ▶ Includes function for swivelling the head for horizontal and vertical thread cutting.

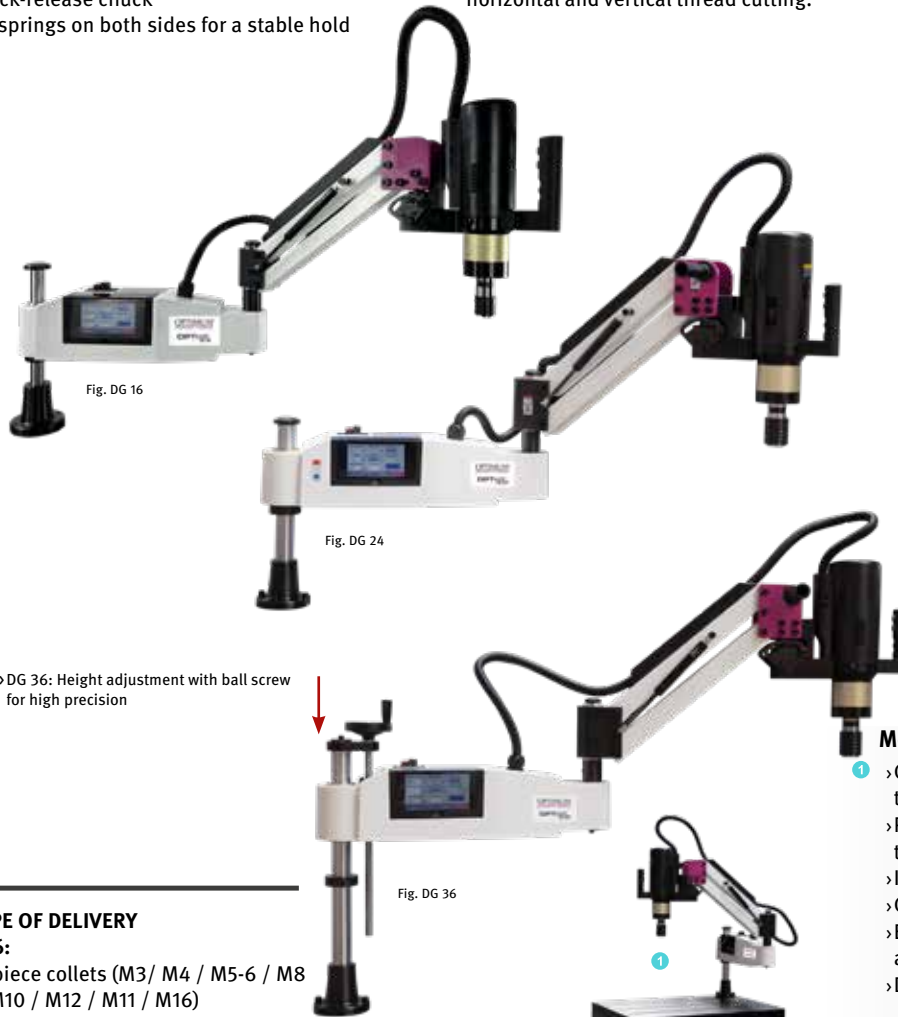


Fig. DG 16

Fig. DG 24

Fig. DG 36

› DG 36: Height adjustment with ball screw for high precision

SCOPE OF DELIVERY

DG 16:

- ▶ 8-piece collets (M3/ M4 / M5-6 / M8 / M10 / M12 / M11 / M16)

DG 24:

- ▶ 9-piece collets (M5-M6/ M8 / M10 / M12 / M14 / M16 / M18 / M20 / M22-M24)

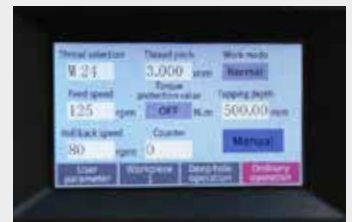
DG 36:

- ▶ 13-piece collets (M5-M6/ M8 / M10 / M12 / M14 / M16 / M18 / M20 / M22-M24 / M27 / M30 / M33 / M36)

Arguments,...



› Swivelling motor unit for thread tapping at any desired angle between 0° and 90°



› Intelligent touchscreen control
› Fast parameter setting
› adjustable to the following languages: German, English, French, Spanish, Polish, Hungarian (additional languages can be added later).

Mobile machine base

- › Compatible with all OPTIMUM tapping devices
- › Possibility of fastening the tapping device on the left and right side
- › Incl. wheels with brakes for mobile use
- › Cast iron plate with 3 T-slots (16 mm)
- › Equipped with one door incl. handle and 5 drawers with ball bearings
- › Dimensions (L x W x H): 900 x 600 x 800 mm

Permanent magnet

- › for mounting the thread cutting device
- › Load bearing capacity: 1000 kg



Machine data	DG 16	DG 24	DG 36
Art. no.	3081016	3081024	3081036
Technical data			
Electrical connection ~50Hz	230 V / 1 Ph	230 V / 1 Ph	230 V / 1 Ph
Motor power	600 W	1200 W	1200 W
Tap diameter	M3- M16	M5- M24	M5- M36
Orientation	Vertical	Vertical	Vertical
Horizontal working area	1045 mm	1180 mm	1180 mm
Vertical working area	330 mm	370 mm	370 mm
Motor speed	312 min ⁻¹	200 min ⁻¹	156 min ⁻¹
Tap holder	ISO / DIN / JIS	ISO / DIN / JIS	ISO / DIN / JIS
Net weight approx.	32 kg	48 kg	50 kg

Accessories	Art no.
1 Base	3082000
2 Cutting oil spray	3872100
3 Permanent magnet	3082080
4 Cutting die holder GT12 M18-20	4460098
Option	Art no.
Height adjustment of the tapping arm	
0 - 500 mm	
Scope of delivery:	
Longer column, recirculating ball screw	
DG16	3082100
DG24	3082110