

OPTIdrill® D 17Pro / D 23Pro / D 26Pro / D 33Pro

Bench/Upright drills with V-belt drive

Facts that impress in terms of quality, performance and price

- ▶ Industrial motor
- ▶ User-friendly safety switch with IP 54 degree of protection
- ▶ Digital drilling depth display and spindle speed integrated in housing
- ▶ Separate emergency stop button
- ▶ Precision spindle bore
- ▶ Safety electrical system in 24 V DC
- ▶ Guaranteed concentricity less than 0.02 mm measured in the drilling spindle sleeve
- ▶ Drill spindle with precision ball bearings
- ▶ Premium quick clamping chuck
- ▶ Drilling depth stop
- ▶ Precise workmanship; stable drilling table with diagonal T-slots and all-around cooling water channel
- ▶ V-belt cover with safety switch
- ▶ Single-piece, pressure cast aluminium spindle sleeve lever with Softgrip handles

- ▶ Generously dimensioned, height adjustable protective screen with safety switch
- ▶ Heavy duty design of entire machine

As of D 23 Pro

- ▶ GATES quality belts

As of D 23 Pro / 400 V

- ▶ Right-handed/left-handed rotation

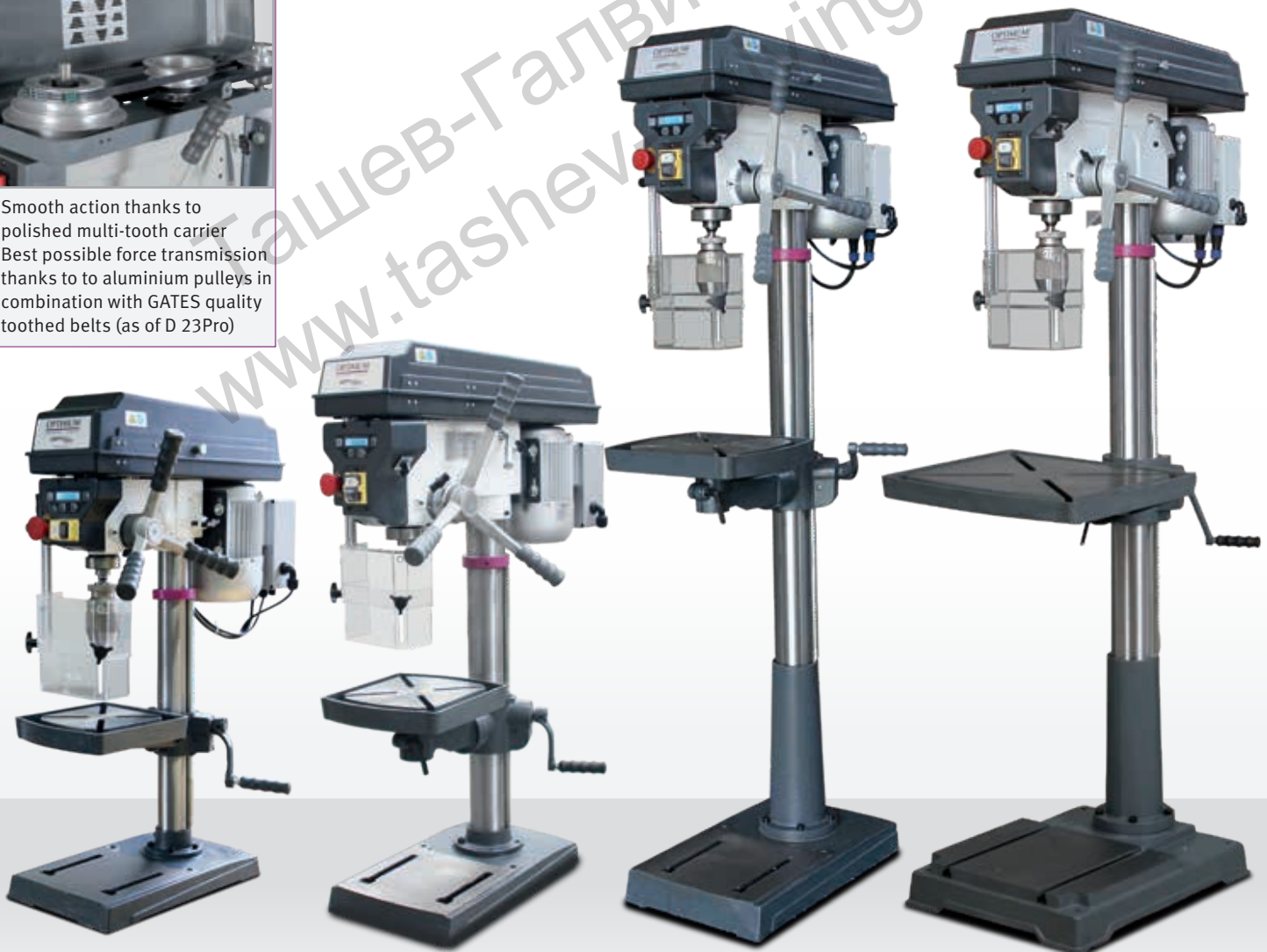
D 33Pro

- ▶ Solid, generously dimensioned baseplate with T-slots, pronounced ribbing on rear

Belt drive



- › Smooth action thanks to polished multi-tooth carrier
- › Best possible force transmission thanks to aluminium pulleys in combination with GATES quality toothed belts (as of D 23Pro)





Technical specifications, accessories and dimensions

| Model | D 17Pro | D 23Pro | D 26Pro | D 33Pro |
|---|---------------------|----------------------------|----------------------|----------------------|
| Article no. (230 V) | 3003010 | 3003015 | - | - |
| Article no. (400 V) | - | 3003020 | 3003030 | 3003040 |
| Technical specifications | | | | |
| Electrical connection | 230 V / 1 Ph ~50 Hz | 230 V/1 Ph w.o. 400 V/3 Ph | 400 V / 3 Ph ~ 50 Hz | 400 V / 3 Ph ~ 50 Hz |
| Motor output | 500 W | 750 W | 750 W | 1.1 kW |
| Drilling performance | | | | |
| Drilling performance in steel (S235JR) | Ø 16 mm | Ø 25 mm | Ø 25 mm | Ø 30 mm |
| Continuous drilling performance in steel (S235JR) | Ø 12 mm | Ø 20 mm | Ø 20 mm | Ø 25 mm |
| Spindle | | | | |
| Spindle sleeve stroke | 65 mm | 80 mm | 85 mm | 120 mm |
| Spindle seat | MT 2 | MT 2 | MT 3 | MT 4 |
| Throat | 152 mm | 180 mm | 210 mm | 254 mm |
| Speeds | | | | |
| Spindle speeds | 680 - 2 700 rpm | 200 - 2 440 rpm | 200 - 2 440 rpm | 120 - 1 810 rpm |
| Number of speeds | 5 speeds | 12 speeds | 12 speeds | 9 speeds |
| Drilling table | | | | |
| Drilling table workspace L x W | 235 x 220 mm | 280 x 245 mm | 330 x 290 mm | 475 x 425 mm |
| T-slot size | 12 mm, diagonal | 12 mm, diagonal | 14 mm, diagonal | 14 mm, diagonal |
| Drill table rotation/lateral tilt | 360° / ± 90° | 360° / ± 90° | 360° / ± 90° | 360° / ± 90° |
| Clearance spindle - drilling table | max. 325 mm | max. 425 mm | max. 720 mm | max. 695 mm |
| Machine base | | | | |
| Machine base work area L x W | 220 x 230 mm | 240 x 250 mm | 385 x 260 mm | 410 x 325 mm |
| T-slot size / spacing / count | 16 mm / 148 mm / 2 | 16 mm / 170 mm / 2 | 16 mm / 170 mm / 2 | 16 mm / 250 mm / 2 |
| Distance spindle - machine base | max. 530 mm | max. 618 mm | max. 1 230 mm | max. 1 180 mm |
| Dimensions | | | | |
| Column diameter | Ø 60 mm | Ø 73 mm | Ø 80 mm | Ø 92 mm |
| Length x width x height | 565 x 275 x 840 mm | 615 x 330 x 1 015 mm | 670 x 355 x 1 640 mm | 755 x 440 x 1 705 mm |
| Weight | 36,5 kg | 58 kg / 63,5 kg | 85 kg | 132 kg |

Scope of supply

- › Quick-action drill chuck 1 - 16 mm
- › Morse cone
- › T-slot nuts

| Accessories | Article no. |
|---|-------------|
| Hold-down device 14 mm/M12 | 3352031 |
| Twist drill bits HSS-CO 5%, 25 parts | 3201010 |
| Twist drill bits HSS-CO 5%, 51 parts | 3201020 |
| Twist drill bits HSS-CO 5%, 41 parts | 3201021 |
| Quick clamping drill chuck 1 - 8 mm; B16 | 3050608 |
| Quick clamping drill chuck 1 - 10 mm; B16 | 3050610 |
| Quick clamping drill chuck 1 - 13 mm; B16 | 3050623 |
| Quick clamping drill chuck 1 - 16 mm; B16 | 3050626 |
| Universal coolant unit 230 V | 3352002 |
| Coolant mist lubricator MMC 1 with magn. holder | 3356663 |
| Coolant hose KMS 2 | 3356660 |
| › More „Accessories for drills“ from page 64 | |

| Machine vices | Article no. |
|---------------------------------------|-------------|
| BMS 85 | 3000008 |
| BMS 100 | 3000010 |
| BMS 120 | 3000012 |
| BSI 100 | 3000210 |
| BSI-Q 100 | 3000230 |
| › Information on the vices on page 71 | |

Accessories D 17Pro / D 23Pro

| Accessories | Article no. |
|--------------------------------------|-------------|
| Direct quick release chuck 1 - 16 mm | 3050571 |
| Direct quick release chuck 1 - 13 mm | 3050572 |
| Morse taper MT 2/B16 | 3050659 |
| Twist drill bit HSS / MT 2, 9 parts | 3051002 |
| Thread tapping chuck MT 2 | 3050702 |
| Assortment of clamping tools size 10 | 3352016 |

Accessories D 26Pro

| Accessories | Article no. |
|--------------------------------------|-------------|
| Direct quick release chuck 1 - 16 mm | 3050573 |
| Reduction sleeve MT 3 - MT 2 | 3050663 |
| Morse taper MT 3/B16 | 3050660 |
| Twist drill bit HSS / MT 3, 9 parts | 3051003 |
| Taper drill punch MSP1 | 3050636 |
| Assortment of clamping tools size 12 | 3352017 |
| Assortment of clamping tools size 14 | 3352018 |

Accessories B 33Pro

| Accessories | Article no. |
|--------------------------------------|-------------|
| Direct quick release chuck 1 - 16 mm | 3050574 |
| Reduction sleeve MT 4 - MT 3 | 3050664 |
| Reduction sleeve MT 4 - MT 3 | 3350314 |
| Morse taper MT 4/B16 | 3050661 |
| Taper drill punch MSP2 | 3050637 |
| Assortment of clamping tools size 12 | 3352017 |
| Assortment of clamping tools size 14 | 3352018 |