

BELT DRIVEN BENCH / PILLAR DRILLING MACHINES

LUGA

World Class Series Drilling & Tapping Machines

Model	BD 13T	BD 25T	DP 25FWHD
Max.drilling capacity	Ø 13mm	Ø 25mm	25mm
Spindle travel	50mm	80mm	120mm
Spindle taper	MT2	MT3	MT3
Column diameter	Ø 46mm	Ø 70mm	92mm
Spindle speed	5 speed	12 speed	12 speed
Max.distance from spindle axis to surface of column	104mm	190mm	190mm
Max.distance from spindle end to surface of table	200mm	730mm	730mm
Max.distance from spindle end to surface of base	290mm	1220mm	1220mm
Table size	160 x 160 mm	300 x 300 mm	425 x 475 mm
Base size	200 x 314 mm	500 x 300 mm	580 x 450 mm
Motor power	230V/50Hz/250W	230V/50Hz/550W	230V/50Hz/550W
NW/GW	20/21kg	78/81kg	144/150kg
Packing size	400 x 340 x 220mm	1215 x 475 x 275mm	144 x 64 x 32mm



BD 13T

BD 25T

DP 25 FWHD

Model	DT 16W	BD 12BW
Max.drilling capacity/Tapping capacity	(mm) D:16/T: M12/M10	D:20/T: M20/M16 D:25/T: M24/M20
Diameter of column	(mm) 70	85
Spindle travel	(mm) 100	125
Distance spindle axis to column generating line	(mm) 193	240
Max.Distance spindle nose to table	(mm) 315	360/320
Max.Distance spindle nose to base	(mm) 556	560/630
Spindle taper	MT2	MT2/3
Spindle speeds range	(r/min) 480-4100	290-2150
Spindle speeds series	5	5
Dimension of table surface	200 x 230	280 x 300
Dimension of base	528 x 360	590 x 375
Overall height	1037	1127
Power of motor	550(4 - 4P)	550(6 - 6P)
G.W/N.W	(Kg) 108/90	165/140
Packing dimension	(cm) 79 x 44 x 95	88 x 54 x 95

ZS SERIES DRILLING & TAPPING MACHINE



DT 16W

BD 12BW

GEARED HEAD AUTO-FEED DRILLING & MILLING MACHINE

Model	BD 45AW
Max.drilling capacity	(mm) (Iron)45/(Steel)32
Width of face milling	(mm) 80
Diameter of vertical milling	(mm) 28
Spindle travel	(mm) 110
Distance spindle axis to column generating line	(mm) 260
Max.Distance spindle nose to table	(mm) 475
Spindle taper	(r/min) MT4
Spindle speeds range	50-1250
Spindle speeds series	6
Spindle feeds	(mm/r) 0.12 0.18 0.25
Dimension of worktable surface	(mm) 730 x 210
Table travel	(mm) 500 x 175
Dimension of base	605 x 558
Overall height	(mm) 1100
Main motor	(W) 750
Coolant motor	(W) 40
G.W/N.W	(Kg) 390
Packing dimension	(cm) 87 x 75 x 114



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GEARED DRILLING MACHINE

Features & Applications

- Unique workable, both motor-drive and manual-operated lifting device.
- The working table can be rotated 180° and can be tilted ±45° also, it is reliable and job can be done easily. (only for DG 50/40 w)
- Equipped with coolant system and tapping mechanism.
- Equipped with short cut and over load protection, its electrical system with powerful spindle motor, it designed according to IEC standard.

		Specifications		
Model		DG-25W	DG-40W	DG-50W
Max.drilling capacity	(mm)	25	40	50
Max.Tapping capacity	(mm)	-	M27	M30
Diameter of column	(mm)	100	160	180
Spindle travel	(mm)	150	180	240
Distance spindle axis to column generating line	(mm)	225	360	360
Max.Distance spindle nose to table	(mm)	630	460	460
Max.Distance spindle nose to base	(mm)	1670	1200	1200
Spindle taper		MT3	MT4	MT4 or MT5
Spindle speeds range	(R/min)	100-2900	42-2050	42-2050
Spindle speeds series		8	12	12
Spindle feeds	(mm/r)	-	0.07 0.15 0.26 0.40	0.07 0.15 0.26 0.40
Dimension of worktable surface	(mm)	ø440	550 x 470	550 x 470
Table travel	(mm)	560	550	550
Dimension of base table	(mm)	690 x 500	450 x 440	450 x 440
Overall height	(mm)	1900	2330	2380
Main motor	(Kw)	1.1/0.75	2.2/2.8	2.2/2.8
Coolant motor	(W)	40	40	40
G.W/N.W	(Kg)	300/250	750/680	800/730
Packing dimension	(Cm)	176 x 60 x 83	115 x 70 x 215	115 x 70 x 215

Features

- 2 speed strong power motor
- Automatic take out tools
- 2 steps power feed 0.1-0.2mm/rev. (45 ET)
- Drilling, tapping
- It also can process the inclined holes and perform auto tapping. While rotating the work table 180°, the table vice can clamp the component to process conveniently. (36 HFT)
- Drilling, tapping
- Head swivels 360°. (30 HT)
- Worktable perpendicularity & down movement
- Micro feed precision



GEARED DRILLING MACHINE DG 45T



GEARED DRILLING MACHINE DG 36HFT



GEARED DRILLING MACHINE DG 30HT

Specifications

Model	DG 45T / DG 45ET	DG 36HFT	DG 30HT
Max.drilling capacity	Ø 45mm	Ø 35mm	31.5mm(MT3) 40mm(MT4)
Threading in steel & cast iron	M20 & M24	M20 & M24	M20 & M24
Spindle travel	180mm	130mm	120mm
Spindle taper	MT4	MT4	MT3 or MT4
Spindle powder feed (DG 45ET & DG 36HFT only)	2 steps/0.1-0.2mm/rev	3 steps 0.08, 0.16, 0.24mm/rev	-
Spindle speed	50-1450rpm	75-3200rpm (12)	75-1600 rpm (6)
Width of T-slot	18mm	14mm	18mm
Max.distance from spindle axis to surface of column	350mm	320mm	272.5mm
Max.distance from spindle end to surface of table	770mm	80-680mm	715mm
Max.distance from spindle end to surface of base	1320mm	1140mm	1180mm
Table size	560 x 385 mm	500 x 360 mm	540 x 470 mm
Base size	730 x 405 mm	670 x 470 mm	650 x 450 mm
Coolant Motor	60 w	60W	-
Motor power	1.1/1.5kw	1.5kw	1.1kw
Gross Weight	640kgs	470kgs	370kgs
Packing size	1100 x 610 x 270mm	570 x 810 x 210mm	740 x 720 x 1830mm

GEARED HEAD DRILLING & TAPPING MACHINE

Features

- The head can rotated 360° and can tilted 45° it reliable and easy job can be done.
- Powerful Geared spindle drive with six step speed range
- The head and table can rise & down freely, the head could also move reverse, enlarge the range of process.
- The main body is stable & firm, effective working area of table is 540 x 470mm.
- The machine spindle has auto-feeding, micro-feeding and hand-feeding features.
- Spindle speed and feed can be changed easily.
- Powerful Gear head driving system capable of drilling, reaming and tapping in all kinds of materials.
- The spindle head can be rotated to 360° and tilted to 45°
- The working scope is large enough for spindle head and work table not only up and down but also rotated round the column.

DTG 40HW



DTG 40APW



Specifications

Model		DTG - 40HW	DTG - 40APW
Max.drilling capacity	(mm)	(Cast Iron)40 (Steel)32	(Cast Iron)40 (Steel)32
Max.Tapping capacity	(mm)	(Cast Iron)M32 (Steel)M24	(Cast Iron)M32 (Steel)M24
Diameter of column	(mm)	115	115
Spindle travel	(mm)	120	110
Distance spindle axis to column generating line	(mm)	272.5	261.5
Max.Distance spindle nose to table	(mm)	745	745
Max.Distance spindle nose to base	(mm)	1200	1245
Spindle taper		MT4	MT4
Spindle speeds range		95-1600	50-1250
Spindle speeds series	(R/min)	6	6
Spindle feeds	(mm/r)	-	0.12 0.18 0.25
Dimension of worktable surface		540 x 470	540 x 470
Table travel	(mm)	515	515
Dimension of base	(mm)	690 x 520	635 x 460/690 x 520
Overall height	(mm)	1810	1760 x 1810
Motor	(W)	1100 or 750	750 or 1100
Coolant Motor	(W)	-	-/40
G.W/N.W	(Kg)	375/335	360/320 390/350
Packing dimension	(Cm)	82 x 73 x 191	82 x 73 x 186/87 x 72 x 191

VARIABLE SPEED DRILL & MILL MACHINE BF20 VARIO



Specifications

Model	BF 20 Vario
Drilling capacity	Max 20mm
Milling capacity of inserted tooth cutter	Max 63mm
Milling capacity of end mill cutter	Max 20mm
Working Range	1.85 mm
Spindle holding fixture	MT2/M10
Spindle speeds	180-3,200rpm
Sleeve travel	50 mm
T-slot size	12mm
Table size(LxW)	500 x 180mm
Z travel	380mm
Y travel	175mm
X travel	280mm
Motor power	750W 230V/50Hz
Dimensions (L x W x H)	670 x 550 x 860mm
Net Weight	103kg

OIL PRESSURE DRILLING HEAD



Model	ODH8150	ODH6130
Max.drilling capacity	(mm) Ø 35mm	Ø 15mm
Spindle taper	MT4	JT6
Spindle travel	(mm) 150	130
Diameter of oil tank	(mm) Ø 110mm	Ø 75mm
Work pressure	(kg/cm ²) 20-35	20-35

GUIDE SCREW TAPPING HEAD



Model	ODH8150
Max.Tapping capacity	(mm) M30
Spindle taper	MT3
Spindle travel	(mm) 80
Screw thread travel	(mm) 0.7*205
Spindle transmission	(Guide screw)