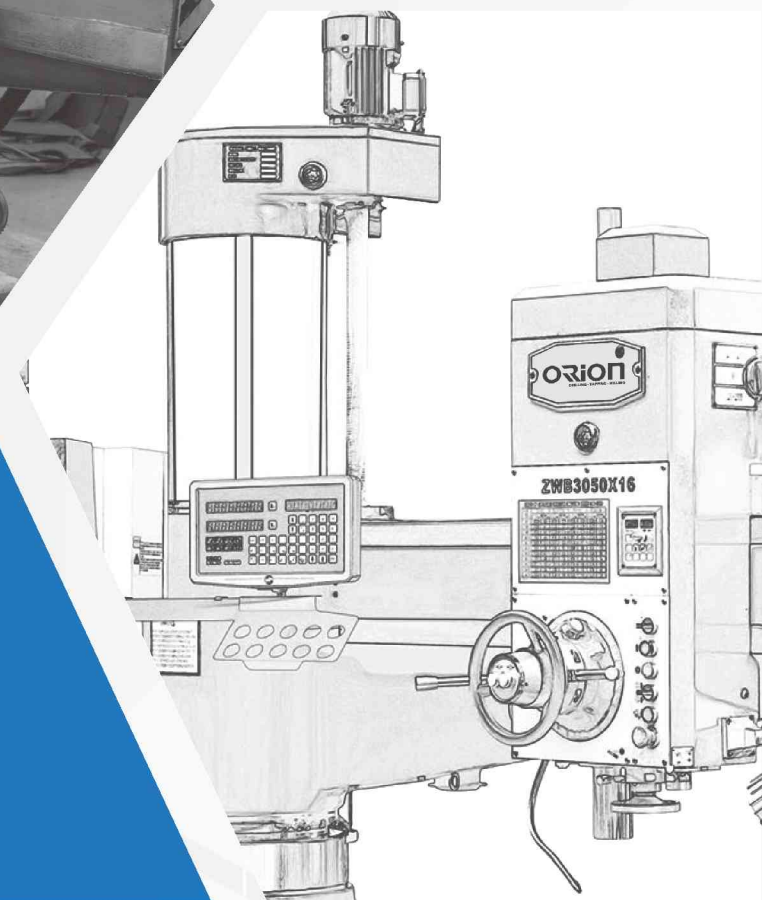


## HEAVY DUTY DRILLING & TAPPING MACHINE



**INDOTARA**

[www.indotara.co.id](http://www.indotara.co.id)

**Jakarta - Head Office**

Graha Kencana Building  
Lt. 10 Suite 10F  
Jl. Raya Perjuangan No. 88  
Kebon Jeruk, Jakarta Barat 11530  
Phone : 021 - 5020 3030  
Email : [sales@indotara.co.id](mailto:sales@indotara.co.id)

**Bandung Office**

Wisma HSBC  
Lt. 6 Suite B  
Jalan Asia Afrika No.116,  
Kota Bandung, Jawa Barat 40112  
Phone : 022 - 310 30 800  
Email : [sales-bdg@indotara.co.id](mailto:sales-bdg@indotara.co.id)

**Surabaya Office**

Bumi Mandiri Tower I  
Lantai 10 Suite 1008  
Jl. Jend. Basuki Rachmat 129-137,  
Surabaya 60271  
Phone : 031 - 3313 3333  
Email : [sales-sby@indotara.co.id](mailto:sales-sby@indotara.co.id)

**Medan Office**

Kompleks MMTC WAREHOUSE  
Blok C-7  
Jl. Pasar V, Pancing,  
Medan, Sumut 20371  
Phone : 061 - 50 300 600  
Email : [sales-mdn@indotara.co.id](mailto:sales-mdn@indotara.co.id)

**INDOTARA**

[www.indotara.co.id](http://www.indotara.co.id)



## ZS-40DPS

Intelligent High Efficiency Drilling & Tapping Machine

**NEW**








- **Standard accessories**
  - Drilling chuck 16mm
  - Taper sleeve
  - Tap chuck
  - Wrench
  - Drawbar
  - Arbor
  - Drift
- **Special accessories**
  - Milling chuck
  - Safety guard
  - Angle vice
  - Stand

Model	ZS-40DPS	
Max. Drilling capacity	mm	40
Max. Tapping capacity	mm	M32
Diameter of column	mm	115
Max. Spindle travel	mm	110
Distance spindle axis to column surface	mm	261.5
Max. Distance spindle nose to worktable	mm	745
Max. Distance spindle nose to base	mm	1245
Spindle taper		MT4
Spindle speed	r/min	50~250, 250~2000
Feed speed rate	mm/min	20~203
Dimension of worktable	mm	540 x 470
Dimension of base	mm	635 x 460
Overall height	mm	1810
Packing dimension	mm	720 x 740 x 1910

## GEAR TYPE AUTOMATIC FEED DRILLING MACHINE

**ZS-40B/BP  
ZS-40B1/BP1**

• **Characters**

Gear hardened, large driven torque;  
1 type optional 2 speed motor, wide spindle speed range.

Multi-spindles  
(Special accessories)

**ZS-40BHS/BPS  
ZS-40BHS1/BPS1**





"H" Without collant systems "P" With collant system

Model		ZS-40B/BP	ZS-40B1/BP1	ZS-40BHS/BPS	ZS-40BHS1/BPS1
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	115	115
Spindle travel	mm	110	110	110	110
Distance spindle axis to column generating line	mm	261.5	261.5	261.5	261.5
Max. Distance spindle nose to table	mm	/	/	745	/
Max. Distance spindle nose to base	mm	800	800	1245	800
Spindle taper		MT4 or R8	MT4 or R8	MT4 or R8	MT4 or R8
Spindle speeds range	r/min	50~1250	50~2500	50~150	50~2500
Spindle speeds series		6	12	6	12
Spindle feeds	mm/r	0.12 0.18 0.25	0.12 0.18 0.25	0.12 0.18 0.25	0.12 0.18 0.25
Dimension of worktable surface	mm	/	/	540 x 470	540 x 470
Table travel	mm	/	/	515	515
Dimension of base	mm	635 x 460	690 x 520	635 x 460	690 x 520
Overall height	mm	1400	1450	1760	1810
Main motor	W	1100, 1500	1100, 1500	1100, 1500	1100, 1500
Coolant motor	W	-/40	-/40	-/40	-/40
G.W/N.W	kg	300/260	360/320	360/320	360/350
Packing dimension	cm	75 x 73 x 150	75 x 73 x 156	72 x 74 x 192	72 x 74 x 198



## GEAR HEAD DRILLING & MILLING MACHINE

### ● Characters

- The machine adopt gear driving and the driving moment is strong .
- The machine has the six series speed variable feature , which can be widely fit for processing to kinds of common hard & soft material.
- The Head can rotated 360° and can tilted + 45° it reliable and easy job can be done.
- The motor drive by the gear, which overcome the shortcoming of the belt skid.
- According to the customer demand the machine can drill, enlarge, ream and tap the multi-holes by the multi spindles.

### ● Standard accessoris

Drill chuck  $\phi 16\text{m}$   
Cutter  $\phi 80\text{mm}$   
Taper sleeve  
Drawbar  
Wrench  
Arbor  
Drift

### ● Special accessoris

Milling chuck  
Savety guard  
Angle vice  
Stand



**ZS-40/ZS-40P ZS-40HS/ZS-40PS**



## ZS-32HS/ZS-32PS Drilling & Tapping machine



### ● Characters

- The machine adopt belt driving and the noisy low, the machine can drill, enlarge, reamer and tap.
- The machine has the twelve series speed variable feature , which can be widely fit for processing to kinds of common hard & soft material.
- 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 540x470mm.
- According to the customer demand the machine can drill, enlarge, ream and tap the multi-holes by the multi spindles.

### "H" Without collant systems "P" With collant system

Model		ZS-40/ZS-40P	ZS-40HS/ZS-40PS	ZS-32HS	ZS-32PS
Max. Drilling capacity	mm	Cast Iron 40, Steel 32		31.5	31.5
Max. Tapping capacity	mm	Cast Iron M32, Steel M24		Cast Iron M20, Steel M16	
Diameter of column	mm	115	115	115	115
Spindle travel	mm	120	110	130	130
Distance spindle axis to column generating line	mm	275.5	275.5	202	202
Max. Distance spindle nose to table	mm	/	745	790	790
Max. Distance spindle nose to base	mm	800	1200	1245	1245
Spindle taper		MT4	MT4	MT3	MT3
Spindle speeds range	r/min	95, 170, 280, 540, 960, 1600		100~2150	100~2150
Spindle speeds series		6		12	12
Dimension of worktable surface	mm	/	540 x 470	570 x 470	570 x 470
Table travel	mm	/	515	515	515
Dimension of base	mm	635 x 460/690 x 520	635 x 460	635 x 460	690 x 520
Overall height	mm	1400 x 1450	1760	1760	1810
Motor	W	750, 1100		1100, 1500	1100, 1500
G.W/N.W	kg	290/250, 310/270		345/305	360/350
Packing dimension	cm	75 x 73 x 146	72x74x186/72x74x191	80 x 75 x 186	86 x 78 x 191



**ZS SERIES  
DRILLING & TAPPING MACHINE**



**ZQS4116**



**ZS4112C/ZS4116B**

**ZS-4120/ZS4125 ZS Series Drilling & Tapping Machine**



Model		ZQS4116	ZS4112C ZS4116B	ZS4120 ZS4125
Max. Drilling /Tapping cappacity	mm	D:16/T:M12/M10	D:12/T:M10/M8 D:16T M12/M10	D:20/T:M20/M16 D:25T :M24/M20
Diameter of column	mm	70	70	85
Spindle travel	mm	85	100	125
Distance spindle axis to column generating line	mm	180	193	240
Max. Distance spindle nose to table	mm	410	315	297/367
Max. Distance spindle nose to base	mm	590	556	560/630
Spindle taper		MT2	B16/MT2	MT2/MT/3
Spindle speeds range	r/min	495~2565	480~4100	290~2150
Spindle speeds series		12	5	5
Dimension of work table surface	mm	240 x 240 or $\phi$ 300	200 x 230	280 x 300
Dimansion of base	mm	445 x 275	528 x 360	590 x 375
Overall height	mm	960	1037	1127
Power of motor	w	550	550/750	750/1100 (6P)
G.W/N.W	kg	75/65	108/90	165/140
Packing dimension	cm	70 x 40 x 104	77 x 42 x 95	82 x 48 x 102



## SWJ SERIES TAPPING MACHINE

**SWJ-16**



**SWJ-24**



• **Standard accessories**

- Tapping chuck M6-M16/B18 (SWJ-16)
- Tapping chuck MB-M24/B22 (SWJ-24)

## SWJ-10B, SWJ-6/SWJ-12



• **Characters**

- Simple structure and easy operation.
- It used machinery friction clutch make which prolong the life of motor working stable and low noise and also has the over loading protection function. It can tapping continuously widely used
- It can tapping continuously widely used at all kinds of machinery, instrument, hard ware tools and so on.



• **Standard accessories**

- Tapping chuck M6-M16/B18 (SWJ-16)
- Tapping chuck MB-M24/B22 (SWJ-24)

Model		SWJ-10B	SWJ-6/SWJ-12	SWJ-16	SWJ-24
Max. Drilling cappacity	mm	M12/M10	M6/M5, M12/M8	M16/M12	M24/M20
Diameter of column	mm	50	60	73	70
Spindle travel	mm	50 Worktable travel	40	50	50
Distance spindle axis to column generating line	mm	140	127	183	198
Max. Distance spindle nose to table	mm	310	245/240	485	545
Max. Distance spindle nose to base	mm	/	375/370	660	760
Spindle taper		B16	B10/B16	B18	B22
Spindle speeds range	r/min	250/480/800	480/850/260/440/750	240. 380. 570	230. 350. 500
Spindle speeds series		3	2/3	3	3
Dimension of work table surface	mm	200 x 200	196x196/235x235	270 x 280	280 x 280
Dimansion of base	mm	365 x 254	385x215/400x250	520 x 310	495 x 375
Overall height	mm	767	800/810	1220	1075
Power of motor	w	550	375/550	0.75	1.1
G.W/N.W	kg	74/60	63/43. 70/50	120/102	160/140
Packing dimension	cm	58 x 37 x 70	58 x 37 x 90	68 x 42 x 128	78 x 48 x 116



## HIGH SPEED ACCURACY BENCH DRILLING MACHINE



### • Characters

- Both spindle head, column and base using high quality cast iron, strong and everlasting.
- High precision with excellent feature, widely used at instrument and camera area.

### • Standard accessories

- Safety guard
- Drill chuck
- Wrench
- Vice

## ZWG-4, ZWG-6 High Speed- Accuracy Bench Drilling Machine



### • Characters

- High grade bearing.
- High spindle speed.
- High quality belt.
- Wigely use at instrument and camera area.

**ORION**  
DRILLING - TAPPING - MILLING

Model		Z406	Z406C	Z406B	ZWG-4	ZWG-6
Max. Tapping Ccappacity	mm	6	6	6	4	6
Diameter of column	mm	50	50	50	40	50
Spindle travel	mm	65	65	65	50	65
Distance spindle axis to column generating line	mm	140	140	140	125	140
Max. Distance spindle nose to table	mm	/	/	/	/	/
Max. Distance spindle nose to base	mm	225	225	225	200	210
Spindle taper		B10	B10	B10	B6 or JTO	B10
Spindle speeds range	r/min	1400~5800	1400~5800	2000~12000	2800~11500	6700~15000
Spindle speeds series		3	3	3	3	3
Dimension of work table surface	mm	/	/	/	/	/
Dimansion of base	mm	380 x 258	380 x 258	380 x 258	190 x 230	250 x 360
Overall height	mm	605	605	605	415	490
Power of motor	w	250	250	250/370	120	370
G.W/N.W	kg	48/38	48/38	48/38	32/28	50/40
Packing dimension	cm	61 x 30 x 54	61 x 30 x 54	61 x 30 x 54	34 x 30 x 60	56 x 30 x 60



## INDUSTRIAL TYPE BENCH DRILLING MACHINE



### Z512-2/Z516 Z4112A/Z4116A Z512B/Z516B

#### ● Characters

- Both spindle head, column and base using high quality cast iron, strong and everlasting.
- High precision with excellent feature, widely used at instrument and camera area.

## Z4116, Z4120/Z4125 Industrial Type Bench Drilling Machine

#### ● Standard accessories

- Tapper sleeve (only MT3 spindle)
- Arbor (only taper hole spindle)
- Drift (only taper hole spindle)
- Drill chuck
- Wrench

#### ● Special accessories

- Spindle guard
- Vice



Z4116

Z4120/Z4125

Model		Z512-2/Z516	Z512B/Z516B	Z4112A/ Z4116A	Z4116	Z4120/ Z4125
Max. Drilling cappacity	mm	12.7/16	12.7/16	12.7/16	16	20/25
Diameter of column	mm	70	70	70	85	85
Spindle travel	mm	100	100	100	125	125
Distance spindle axis to column generating line	mm	193	193	193	240	240
Max. Distance spindle nose to table	mm	332/326	315	95	297	367
Max. Distance spindle nose to base	mm	556/550	556	320	560	630
Spindle taper		B16/B18	B16/MT2	B16/MT2	MT2	MT2/MT3
Spindle speeds range	r/min	480~4100	480~4100	400~4090	365~3150	365~3150
Spindle speeds series		5	5	5	5	5
Dimension of work table surface	mm	265 x 265	200 x 230	250 x 250	280 x 300	280 x 300
Dimansion of base	mm	528 x 360	528 x 360	495 x 375	590 x 375	590 x 375
Overall height	mm	1037	1037	850	1127	1127
Power of motor	w	370/550	370/550	550/750	750	750/1100
G.W/N.W	kg	108/90	108/90	120/102	165/140	165/140
Packing dimension	cm	77 x 42 x 94	77 x 42 x 94	83 x 42 x 92	82 x 48 x 102	82 x 48 x 102



**ZQ SERIES  
LIGHT TYPE DRILL PRESS**



**ZQ4113**

• **Standard accessories**

- Tapper sleeve (only MT3 spindle)
- Arbor (only taper hole spindle)
- Drift (only taper hole spindle)
- Drill chuck
- Wrench



**ZQ4116/ZQ4119**

• **Special accessories**

- Spindle guard
- Vice

**ZQ4125/ZQ4132  
ZQD4125/ZQD4132 ZQ Series Light Type drill Press**

• **Characters**

- Light and flexible, it can be used not only on machine processing, repairing but also DIY repairing and daily use.



**ZQ4125/ZQ4132**

**ZQD4125/ZQD4132**

Model		ZQ4113	ZQ4116/ZQ4119	ZQ4125/ZQ4132	ZQD4125 ZQD4132
Max. Drilling cappacity	mm	13	16/19	25/31.5	25/31.5
Diameter of column	mm	70	70	85	85
Spindle travel	mm	85	85	110	110
Distance spindle axis to column generating line	mm	180	180	200	200
Max. Distance spindle nose to table	mm	390	410	480	390
Max. Distance spindle nose to base	mm	570	590	670	1140
Spindle taper		B16	MT2	MT3	MT3
Spindle speeds range	r/min	495~2565	270~2880	200~2280, 150~2270	200~2280, 150~2270
Spindle speeds series		4	12	9/12	9/12
Dimension of work table surface	mm	240x240 or $\Phi$ 300	240x240 or $\Phi$ 300	280x280 or $\Phi$ 360	280x280 or $\Phi$ 360
Dimansion of base	mm	445x270	445x270	566x356	566x356
Overall height	mm	960	960	1110	1680
Power of motor	w	370	370/550	750	750
G.W/N.W	kg	68/65	68/65	105/98	115/108
Packing dimension	cm	91 x 51.5 x 27	91 x 51.5 x 27	108 x 77 x 34	108 x 77 x 34



**DP TYPE  
DRILL PRESS**

**DP20013B  
(E813B)**



• **Standard accessories**

- Tapper sleeve (only MT3 spindle)
- Arbor (only taper hole spindle)
- Drift (only taper hole spindle)
- Drill chuck
- Wrench

• **Special accessories**

- Spindle guard
- Vice



**DP25013B/25016B  
(1013B/1016B)**



**DP30013B/30016B  
(1213B/1216B)**



**DP34016B/34016F  
(1316B/1316F)**

Model		DP20013B (E813B)	DP25013B/25016B (1013B/1016B)	DP30013B/30016B (1213B/1216B)	DP34016B/F (1316B/F)
Max. Drilling cappacity	mm	13	13/16	13/16	16
Diameter of column	mm	46	60	60	73
Spindle travel	mm	50	60	60	80
Distance spindle axis to column generating line	mm	103	127	152.4	168.5
Max. Distance spindle nose to table	mm	220	290/300	395/405	435/770
Max. Distance spindle nose to base	mm	300	410/420	520/530	680/1250
Spindle taper		JT33 or B16	JT33/MT22	JT33/MT2	MT2
Spindle speeds range	r/min	515 ~ 2580	515 ~ 2580	515~2580 or 180~2740	180~2740
Spindle speeds series		5	5	5or12	12
Dimension of work table surface	mm	160 x 160	200 x 200	220 x 220	254x254 or 300
Dimension of base	mm	280 x 185	345 x 210	400 x 250	460x270
Overall height	mm	580	720	820	1020/1600
Power of motor	w	125 (1/6HP) or 180 (1/4HP)	180 (1/4HP) or 250 (1/3HP)	180 (1/4HP) or 250 (1/3HP)	370(1/2HP)
G.W/N.W	kg	21/19	33/30	34/31	Brench:57/52 Floor: 62/57
Packing dimension	cm	45x33x23 or 45x36x23	57x38x24	67 x 45 x 28	B:88x48x28 F:140x50x24
Units per 1x20 container king dimension		820	540	330	108 x 77 x 34



**DP38016B/F (1516B/F), DP51025F (2025F)  
DP51025F1 (2025F1) DP Type Drill Series**



**Special Education Future DP4300F (1720F)**



Model		DP3808/F (1516B/F)	DP430200F (1720F)	DP51025F (2015F)	DP51025F1 (2025F1)
Max. Drilling capacity	mm	16	20	25	25
Diameter of column	mm	73	80	92	92
Spindle travel	mm	80	80	120	120
Distance spindle axis to column generating line	mm	193	215	259	259
Max. Distance spindle nose to table	mm	400/750	725	630	630
Max. Distance spindle nose to base	mm	700/1230	1215	1110	1110
Spindle taper		MT2	MT2	MT3	MT3
Spindle speeds range	r/min	180~2740	160~3000	120~3480	120~3480
Spindle speeds series		12	16	12	12
Dimension of work table surface	mm	305 x 305 or $\phi$ 300	355 x 355	425 x 475	425 x 475
Dimension of base	mm	460x270	498 x 285	580 x 450	580 x 450
Overall height	mm	1020/1600	1635	1640	1640
Power of motor	w	370 (1/2HP)	550 (3/4HP) or 750 (1HP)	750 (1HP) or 1110(1.5HP)	750 (1HP) or 1110(1.5HP)
G.W/N.W	kg	Bench: 60/55 Floor:65/60	90/85	150/144	150/144
Packing dimension	cm	B:88x48x28 F:140x50x24	142 x 54 x 28.5	144 x 64 x 32	144 x 64 x 32
Units per 1x20 container king dimension		220/160	128	93	93