

morgon®

Variable drilling machine

Drilling / Milling machine



• MDP-25VS



• MDP-32EV



• MDP-40VSF



• DPV-F13 / DPV-B13
DP-F13 / DP-B13



• DPV-F32

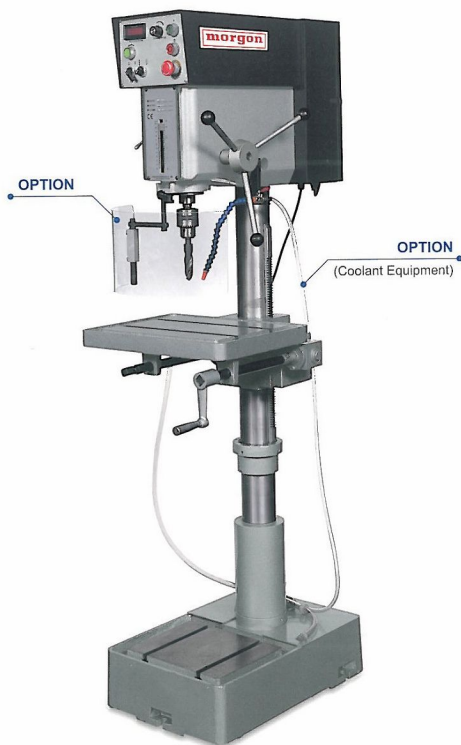


• MD-930

- **High Efficiency**
- **High Quality**
- **Best Performance**

MDP-25VS

- Variable spindle speed
150–3000 rpm.
- Variable speed inverter
technology for easier control.
- Able to perform drilling and
tapping functions.



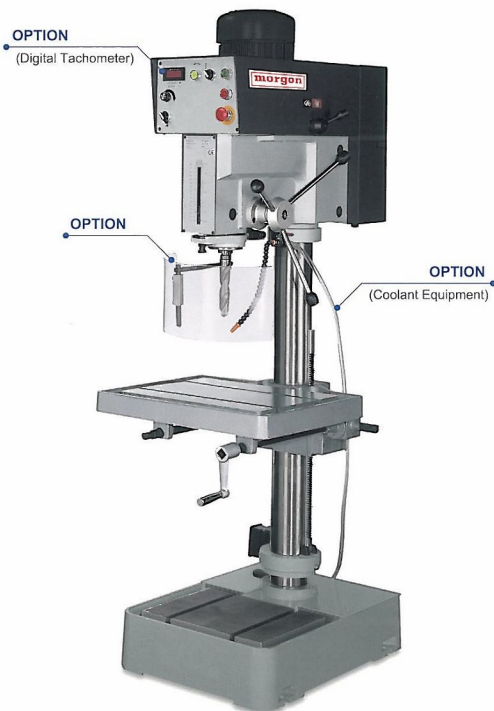
SPECIFICATIONS

MDP-25VS

Drilling capacity	Steel: 25 mm (1") / Cast iron: 32 mm (1-1/4")	Table size (L x W)	460 x 360 mm (18.1" x 14.2")
Tapping capacity	Steel: 16 mm (5/8") / Cast iron: 19 mm (3/4")	Table slot	16 mm (5/8")
Swing	408 mm (16")	Base size (L x W)	685 x 485 mm (27" x 19")
Spindle taper	MT3#	Spindle speed	150 ~ 3000 rpm
Spindle travel	135 mm (5.3")	Motor	2 HP / 1 PH or 3 PH
Quill diameter	62 mm (2-7/16")	Coolant motor	1/8HP
Column diameter	92 mm (3.6")	Machine size (L x W x H)	660 x 460 x 1765 mm (26" x 18" x 69.5")
Spindle nose to table	605 mm (23.8")	Net weight / Gross weight	220 / 260 kgs
Spindle nose to base	1150 mm (45.3")	Packing size (L x W x H)	820 x 610 x 2000 mm (32.3" x 24" x 78.8") 34.3 CU.FT.

MDP-32EV

- Variable spindle speed 65 to 2000 rpm.
- Variable speed inverter technology for easier control.
- High / Low gear box drive system.
- Able to perform drilling and tapping functions.



SPECIFICATIONS

MDP-32EV

Drilling capacity	Steel: MT3/32 mm (1-1/4"), MT4/40 mm (1-1/2")	Table size (L x W)	560 x 470 mm (22" x 18.5")
Tapping capacity	19 mm (3/4")	Table slot	16 mm (5/8")
Swing	530 mm (20.8")	Base size (L x W)	685 x 485 mm (27" x 19")
Spindle taper	MT3# - MT4# (Option)	Spindle speed	High: 245-2000 rpm / Low: 65-540 rpm
Spindle travel	150 mm (6")	Motor	2 HP / 3 PH
Quill diameter	75 mm (3")	Coolant motor	1/8 HP
Column diameter	115 mm (4-1/2")	Machine size (L x W x H)	1085 x 578 x 2035 mm (42.7" x 22.7" x 80")
Spindle nose to table	925 mm (36.4")	Net weight / Gross weight	340 / 385 kgs
Spindle nose to base	1225 mm (48")	Packing size (L x W x H)	1003 x 635 x 2100 mm (39.5" x 25" x 83") 48 CU.FT.

MDP-40VSF

- Able to choose from 3 automatic spindle down feed rates.
- Down feed pressure limiter design for safer operation.



**SPINDLE AUTO
DOWN FEED.**

**SPECIFICATIONS****MDP-40VSF**

Drilling capacity	Steel: 40 mm (1-1/2") / Cast iron: 45 mm (1-3/4")	Table slot	16 mm (5/8")
Tapping capacity	24 mm (16/15")	Base size (L X W)	685 x 485 mm (27" x 19")
Swing	530 mm (20.8")	Spindle speed	High: 245-2000 rpm / Low: 65-540 rpm
Spindle taper	M14#	Automatic quill feeds	3 speeds 0.2, 0.1, 0.05 mm Per Revolution
Spindle travel	150 mm (6")	Motor	2 HP / 3 PH
Quill diameter	75 mm (3")	Coolant motor	1/8 HP
Column diameter	115 mm (4-1/2")	Machine size (L X W X H)	872 x 580 x 2000 mm (34.3" x 22.8" x 78.7")
Spindle nose to table	580 mm (22.75")	Net weight / Gross weight	385 / 410 kgs
Spindle nose to base	1135 mm (40.75")	Packing size (L X W X H)	1003 x 635 x 2100 mm (39.5" x 25" x 83")
Table size (L X W)	560 x 470 mm (22" x 18.5")		48 CU.FT.

DPV-F13 / DPV-B13 DP-F13 / DP-B13

- Variable spindle speed 400 to 5000 rpm.
- Variable hand-wheel design for easy operation.
- Able to function steadily at high speed.
- DPV-B13 & DP-B13:
Bench Type
- DPV-F13 & DP-F13:
Floor type



SPECIFICATIONS

	DPV-F13	DPV-B13	DP-F13	DP-B13
Drilling capacity	Steel: 13 mm (1/2") / Cast iron: 16 mm (5/8")			
Swing	381 mm (15")			
Spindle taper	MT2#			
Spindle travel	150 mm (6")			
Quill diameter	57 mm (2-1/4")			
Column diameter	75 mm (3")			
Spindle nose to table	1041 mm (41")	—	1041 mm (41")	—
Spindle nose to base	1206 mm (47.5")	457 mm (18")	1206 mm (47.5")	457 mm (18")
Table size (L x W)	356 x 455 mm (14" x 18")	—	356 x 455 mm (14" x 18")	—
Table slot	16 mm (5/8")			
Base size (L x W)	530 x 365 mm (21" x 14")			
Spindle speed	4P: 400 ~ 5000 rpm Variable		4P: 400 ~ 5000 rpm 6 Speeds	
Motor	1 HP / 1 PH or 3 PH			
Machine size (L x W x H)	760 x 580 x 1803 mm (30" x 20" x 71")	760 x 580 x 1098 mm (30" x 20" x 43-1/4")	760 x 580 x 1803 mm (30" x 20" x 71")	760 x 580 x 1098 mm (30" x 20" x 43-1/4")
Net weight / Gross weight	130 / 175 kgs	110 / 140 kgs	130 / 175 kgs	110 / 140 kgs
Packing size (L x W x H)	810 x 560 x 1780 mm (32" x 22" x 70") 27.6 CU.FT.	810 x 560 x 935 mm (32" x 22" x 36.8") 14.5 CU.FT.	810 x 560 x 1780 mm (32" x 22" x 70") 27.6 CU.FT.	810 x 560 x 935 mm (32" x 22" x 36.8") 14.5 CU.FT.

DPV-F32

- Variable spindle speed
300 to 2000 rpm.
- Variable hand-wheel
design for easy
operation.

**SPECIFICATIONS****DPV-F32**

Drilling capacity	Steel: 32 mm (1-1/4")
Swing	530 mm (20.8")
Spindle taper	MT3#
Spindle travel	150 mm (6")
Quill diameter	75 mm (3")
Column diameter	115 mm (4-1/2")
Spindle nose to table	925 mm (36.4")
Spindle nose to base	1225 mm (48")
Table size (L x W)	560 x 470 mm (22" x 18.5")

Table slot	16 mm (5/8")
Base size (L x W)	685 x 485 mm (27" x 19")
Spindle speed	4P: 300-2000 rpm / 8P: 150-1000 rpm (Option)
Motor	2 HP / 1 PH or 3 PH
Coolant motor	1/8 HP
Machine size (L x W x H)	1085 x 578 x 2035 mm (42.7" x 22.7" x 80")
Net weight / Gross weight	295 / 340 kgs
Packing size (L x W x H)	1003 x 635 x 2100 mm (39.5" x 25" x 83") 48 CU.FT.

MD-930

- Able to perform drilling, milling, tapping, boring, reaming functions.
- T-slot and high precision work table.
- Variable spindle speed 65 to 2000 rpm.



SPECIFICATIONS

MD-930

Drilling capacity	Steel: MT3/32 mm (1-1/4"), MT4 /40 mm (1-1/2")	Table slot	16 mm (5/8")
Tapping capacity	19 mm (3/4")	Base size (L x W)	670 x 400 mm (26.3" x 15.7")
Swing	465 mm (18.3")	Spindle speed	High: 245-2000 rpm / Low: 65-540 rpm
Spindle taper	MT3# / MT4# (Option)	Motor	2 HP/ 3 PH
Spindle travel	150 mm (6")	Coolant motor	1/8HP
Quill diameter	75 mm (3")	Machine size (L x W x H)	1050 x 1100 x 1370 mm (41.3" x 43.3" x 54")
Column diameter	115 mm (4-1/2")	Stand size (L x W x H)	750 x 560 x 790 mm (29.5" x 22" x 31")
Spindle nose to table	460 mm (18")	Net weight / Gross weight	285 / 315 kgs
X axis travel	430 mm (16.9")	Packing size (L x W x H)	Machine: 915 x 760 x 1140 mm (36" x 30" x 45") 27.4 CU.Ft. Stand: 840 x 580 x 200 mm (33" x 23" x 8") 3.8 CU.Ft.
Y axis travel	230 mm (9")		
Table size (L x W)	730 x 210 mm (28.7" x 8.3")		

Variable drilling & Drilling/Milling machine

OPTIONAL ACCESSORIES



• TABLE POWER FEED



• HALOGEN LAMP



• SAW BLADE HSS



• COOLANT SYSTEM



• CABINET STAND

OPTIONAL	MODEL	MDP-25VS	MDP-32EV	MDP-40VSF	DPV-F13	DPV-B13	DP-F13	DP-B13	DPV-F32	MD-930
Coolant System		•	•	•	•	•	•	•	•	•
Halogen Lamp		•	•	•	•	•	•	•	•	•
Cabinet Stand										•
Extension Column 300 mm (11")										•
Extension Table 80 mm (3")										•
Table Power Feed										•
M14# Spindle			•							•
Digital Tachometer Display			•							•
Forward / Reverse Switch										
2 Speeds Motor 4P / 8P									•	

* Some pictures may include extra options, check with your sales representative for actual features.

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