



MACHINE TOOLS LTD



UDAR 25/30/32/35/40/ 45 Column Drilling Machine

MODEL	UDAR 25	UDAR 30	UDAR 32	UDAR 35	UDAR 40	UDAR 45
Drilling Capacity in Steel of 70kg	25mm	32mm	32mm	35mm	40mm	45mm
Tapping Capacity in Steel of 70kg	M.22	M.25	M.28	M.30	M.32	M.35
Transmission – Gears hardened and Grounded **	**	**	**	**	**	**
Speed Number and Range (rpm) 50 Hz.	(8) 65 - 3060	(8) 65 - 3060	(8) 75 - 2100	(8) 75 - 2100	(8) 93 - 1420	(8) 93 - 1420
Speed Number and Range (rpm) 60 Hz.	(8) 78-3672	(8) 78-3672	(8) 90 - 2520	(8) 90 - 2520	(8) 112 - 1704	(8) 112 - 1704
Feed – Automatic **	**	**	**	**	**	**
Number & Range of Feeds	(2) 0,10 – 0,20	(2) 0,10 – 0,20	(3) 0,10 – 0,20 – 0,30	(3) 0,10 – 0,20 – 0,30	(3) 0,10 – 0,18 – 0,24	(3) 0,10 – 0,18 – 0,24
Clutch – Mechanical (Automatic) **	**	**	**	**	**	**
Main Motor Speed (rpm)	1,500 / 3,000	1,500 / 3,000	750 / 1,500	750 / 1,500	1,500	1,500
Spindle Cone	MT.3	MT.3	MT.4	MT.4	MT.4	MT.4
Spindle Stroke	120mm	120mm	160mm	160mm	180mm	180mm
Distance Spindle Column	250mm	250mm	300mm	300mm	350mm	350mm
Distance Spindle Table	Min 170mm – Max. 820mm	Min 170mm – Max. 820mm	Min 70mm – Max. 885mm	Min 70mm – Max. 885mm	Min 95mm – Max. 865mm	Min 95mm – Max. 865mm
Distance Spindle Base	1,220mm	1,220mm	1,245mm	1,245mm	1,220mm	1,220mm
Column Diameter	100	100	125	125	150	150
Table Dimensions	270 x 300mm	270 x 300mm	400 x 420mm	400 x 420mm	480 x 480mm	480 x 480mm
Base Dimensions	665 x 400mm	665 x 400mm	492 x 655mm	492 x 655mm	480 x 755mm	480 x 755mm
Table with “T” Slots **	**	**	**	**	**	**
Depth Adjustable End **	**	**	**	**	**	**
Coolant Equipment **	**	**	**	**	**	**
Tool Ejector **	**	**	**	**	**	**
Lighting Equipment **	**	**	**	**	**	**
Main Switch	No	No	Yes	Yes	Yes	Yes
Switch Motor Guard **	**	**	**	**	**	**
Emergency Push Button **	**	**	**	**	**	**
Turning Sense Selector **	**	**	**	**	**	**
Electrical Equipment at Low V **	**	**	**	**	**	**
Drill Guard with Stop Micro **	**	**	**	**	**	**
CE Norms **	**	**	**	**	**	**
Weight Net / Gross Kg	250 / 310	260 / 320	250 / 310	292 / 392	317 / 417	435 / 565

Optional Accessories:

- > Front Wheel for Fine Sensitive Feed
- > Speed Digital reading
- > Depth Digital Reading
- > Reversing for Tapping IR / RS
- > Automatic Tapping by Lead Screw with Braking Device (1 Spindle included)
- > Additional Lead Screw special pitch
- > Additional Lead Screw standard pitch
- > Rotating Table
- > 100 Reversible Fixed Table with Vice
- > Multispindle Headstock Adaptation
- > Multispindle Headstock Guiding
- > Column Supplement
- > Automatic Drilling Feed by Hydroblock
- > Multispindle Headstock Pneumatic Balancing
- > Cooling for Each Spindle of Multispindle Headstock
- > Cross Table with Fixed Support 100
- > Cross Table 430 XY (MS-204) Surface 430 x 240mm (X=280mm / Y = 180mm)
- > Bi Manual Command

DRILLS

