

Horizontal Boring Mills

TECHNICAL DATA	MU	AFP 130 CNC	AFP 160 CNC	AFP 180 CNC	AFP 200 CNC	AFP 220 CNC
BORING SPINDLE						
Diameter	mm	130	160	180	200	220
Taper Bore	-	ISO 50		ISO 50/60	ISO 60	
Speed range	r.p.m.	22000 (2500-3000)	22000 (2-2500)	22000 (2-2500)	21000 (2-1500)	21000 (2-1500)
No. of mechanical steps	-	2	2	2	3	3
Ram cross area	mm x mm	350x350	450x450	450x450	530x600	530x600
Motor rated power	kW	30(37)	60	71	80	100
WORKING TRAVE	LS					
Column X axis Extended travel by 1000 mm steps	mm	3000 3000-15000	6500 3500-20500	6500 3500-20500	9000 6000-20000	9000 6000-20000
Headstock Y axis Extended travel by 500 mm steps	nded travel by mm 2000 (25)		3000 2500-4000	4000 3000-5000	4000 3000-6000	4000 4000-6000
Boring Spindle Z axis	mm	800	800	1000	1000	1200
Ram W axis	mm	1000	1000	1200	1500	1600
Cumulated travel (W+Z)	mm	1800	1800	2200	2500	2800
FEEDS						
X-Y / Z-W axes	mm/min	1-10000/8000	2-10000/6000	2-10000/6000	2-6000	2-6000
RAPID TRAVERSE						
X-Y axes	mm/min	10000	10000	10000	10000	10000
Z-W axes	mm/min	8000	6000	6000	6000	6000
OVERALL DIMENS	IONS and	WEIGHT				
Length	mm	7300 (10300-13300)	13000	13000	15750	17000
Width	mm	4000	4000	4250	5250	5500
Height	mm	5850(6350)	7500	8500	9000	9500
Weight	kg	40500 (43000; 47000)	72000	80000	100000	125000
MACHINE ACCURA	CY					
Positioning accuracy X axis	mm	±0.02/1000 (±0.05/6000)	±0.02/1000 (±0.050/6500)		±0.02/1000 (±0.060/9000)	
Positioning accuracy Y axis	mm	±0.02/1000 (±0.030/2000)	±0.02/1000 (±0.040/4000)		±0.02/1000 (±0.040/4000)	
Positioning accuracy Z/W axis	mm	±0.030/1000	±0.03/1000		±0.03/1000	
Repeatability X,Y axes	mm	±0.010	0.010		0.010	
Repeatability Z,W axes	mm	±0.015	0.015		0.015	
ACCESSORIES						
90° Angular milling head	-	X	X	Х	X	X
Universal milling						

head	-	X	X	X	X	X
Boring and facing head	-	X	X	X	X	X
Special boring and facing head	-	X	X	X	X	Х
Tool magazine	-	X	X	X	X	X
Rotary table	-	X	X	X	X	X
Floor plates	-	X	X	X	X	X

() Options

TECHNICAL DATA	MU	DRT 1618	DRT 1820	DRT2025	DRT2525	DRT3030	DRT3535
Table surface	mmxmm	1600x1800	1800x2000	2000x2500	2500x2500	3000x3000	3500x3500
Longitudinal Travel	mm	2500 (+500 steps)					
Loading Capacity	kg	12000	15000	30000	30000	60000	100000
Feed range V axis	mm/min	1-6000	1-6000	1-6000	1-6000	1-6000	1-6000
Table rotation speed	rpm	0.001-2	0.001-2	0.001-2	0.001-2	0.001-1.15	0.001-1
Length	mm	6100	6100	6300	6300	7000	7500
Width	mm	2000	2400	2500	2500	3250	3700
Height	mm	910	950	1020	1020	1350	1500
Weight	kg	14000	16000	19000	20000	28000	35000

Data and features in this catalogue are subject to changes without prior notice due to continuously improvements of our machines.

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^{*} On Customer Request