

# Heavy Duty Slant Bed Lathes

**250/300mm chuck**



## **Ajax Machine Tools**

Machine Tool Exporters to the World

# Heavy Duty Slant Bed Lathes

**250/300MM CHUCKS**

The Ajax Ace Slant bed Lathes are designed to be strong powerfull & reliable, with a top Fanuc Oi TD control, at an affordable price to help produce more and earn more. New models available with Y axis & sub spinde.

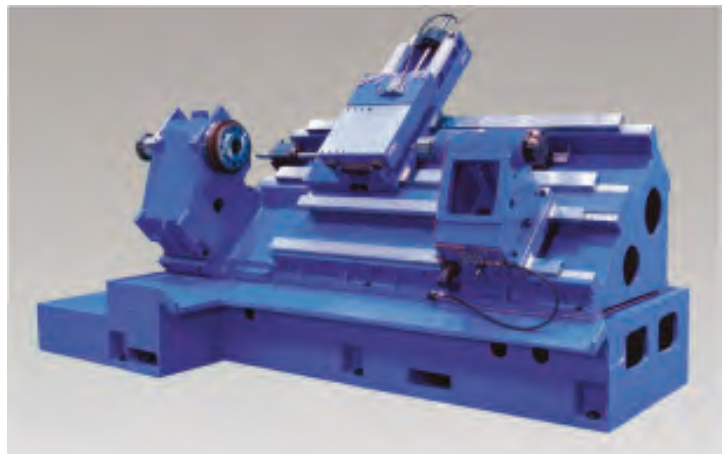
Fitted with industry leading Fanuc Oi TD CNC control system giving ultimate control & reliabillity, this can be upgraded to the Manual Guide i version with fully conversational control and full 3D graphics to make eve the hardest job easy.



**AJSBHD 250-1000**

## **Standard features include:**

- Swarf conveyor
- Tool setting probe
- Programmable Quill on tailstock
- 250mm or 300mm Power Chucks
- Automatic lube
- Hardened & ground inset trays with turcite on the mating side

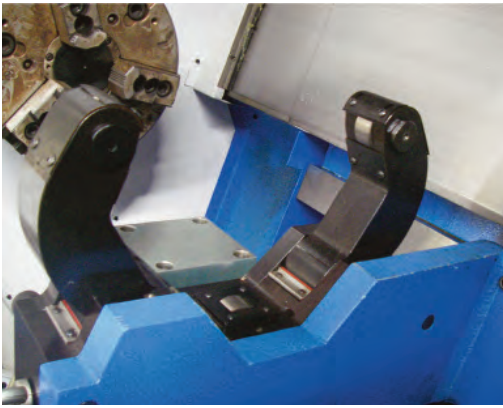


**Construction**

Model	AJSBHD 250-1000	AJSBHD 250-1500	AJSBHD 300-1000	AJSBHD 300-1500
Swing over bed Ø (mm)	545	545	650	650
Swing over carriage Ø (mm)	310	310	415	415
Distance between centers (mm)	1050	1500	1050	1500
Maximum turning dia (mm)	450	450	480	480
Maximum turning length (mm)	1090	1540	1090	1540
<b>MAIN SPINDLE</b>				
Spindle nose	A2-8	A2-8	A2-8/A2-11	A2-8/A2-11
Bore through spindle (mm)	80	80	80/105	80/105
Bar capacity * (mm)	63.5	63.5	63.5/90	63.5/90
Chuck size (mm)	250/315	250/315	315	315
Front bearing bore (mm)	120	120	120	120
<b>SPINDLE DRIVE</b>				
AC motor rated power (kW) (cont./ 30 min. rating)	18.5/22	18.5/22	18.5/22	18.5/22
Spindle speed (Max.)** (rpm)	3000 (2000)	3000 (2000)	3000 (2000)	3000 (2000)
Full power range (For 3000rpm) (rpm)	440 - 2630	440 - 2630	440 - 2630	440 - 2630
<b>SLIDES</b>				
Z-axis stroke (mm)	1090	1540	1090	1540
X-axis stroke (mm)	240	240	255	255
Feed rate (inf. variable) (mm/min)	0 - 10000	0 - 10000	0 - 10000	0 - 10000
Rapid traverse rate: Z-axis (m/min)	15	15	15	15
X-axis (m/min) 1	5	15	15	15
Ball screw Ø x pitch Z (mm)	40 x 10	40 x 10	40 x 10	40 x 10
Ball screw Ø x pitch X (mm)	32 x 10	32 x 10	32 x 10	32 x 10
Rated torque Z (Nm)	22	22	22	22
Rated torque X (Nm)	22	22	22	22
<b>TAILSTOCK</b>				
Quill diameter (mm)	100	100	100	100
Quill stroke (mm)	120	120	120	120
Taper in the quill	MT-5	MT-5	MT-5	MT-5
Thrust (adjustable)-max. (kfg)	600	600	600	600
Tailstock base travel (mm)	795	1245	795	1245
<b>TURRET</b>				
No. of stations	8 (12)	8 (12)	8 (12)	8 (12)
Maximum boring bar dia (mm)	50 (40)	50 (40)	50 (40)	50 (40)
Tool cross section (mm)	25 x 25	25 x 25	25 x 25	25 x 25
<b>WEIGHT</b> (Approx.) (kgs)	6500	7500	6500	7500
<b>DIMENSIONS</b> (LxWxH)	4325x1875x1980	4560x1900x1980	4325x1900x1980	4560x1900x1980



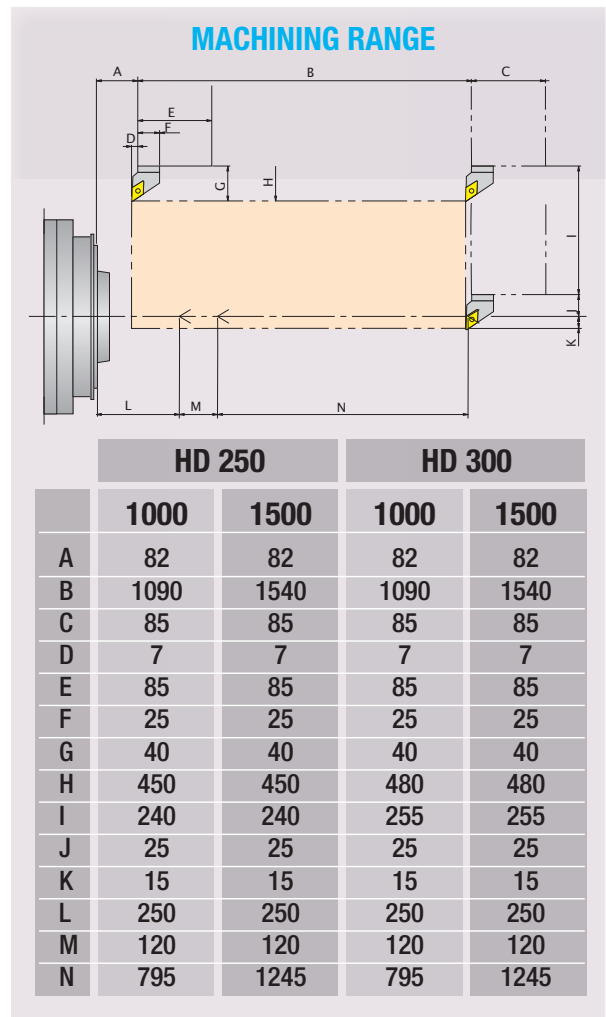
**AJSBHD 300-1500**



Hydraulic three point steady



AJSBHD 300-1500 showing powered tailstock



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