

# AJAX APOLLO QUICK TURN LATHES

The latest addition to the range of Ajax lathes comes **APOLLO AJQT Electronic Lathes**.

Introducing the latest in turning technology - ease of operation, fast and powerful, increasing your profits and improving your production. Fanuc Touch Screen conversational control gives ease of programming of selected cycles. Jobs you could not do on a standard lathe are simple on the APOLLO AJQT.



- Taper threads, ball forms, profiling of radii and chamfers
- Thread repair cycles, taper turning
- Grooving, drilling and tapping
- Manual operation by using X and Z handwheels
- Constant surface speed that improves tool life and improves surface finish



Model	AJQT165	AJQT180	AJQT200	AJQT225	AJQT260	AJQT310	AJQT310/155	AJQT325
Centre height in mm	165	180	200	225	260	310	310	325
Swing over bed in mm	335	360	400	450	530	620	620	660
Swing over cross slide in mm	168	198	210	260	315	415	415	368
Distance between centres in mm	750/1000	750/1000	1000/1500	1000/1500	1/1.5/2/3 M	1/1.5/2/3 M	1/1.5/2/3 M	2,3,4,5 M
Bed width in mm	250	250	300	300	350	350	350	425
Main spindle bore in mm	42	42	65	65	80 or 105	80	155	105
Spindle nose	D1-5	D1-5	D1-6	D1-6	D1-8	D1-8	ASA B5,9	D1-8
Spindle taper	4	4	5	5	5	5	5	5
Number of speed ranges	1	1	2	2	2	2	2	3
Variable speed RPM with CSS	0-4000	0-4000	0-3000	0-3000	0-2500	0-2500	0-780	0-2000
Working feed rates mm/min	0-10,000	0-10,000	0-10,000	0-10,000	0-10,000	0-10,000	0-10,000	0-10,000
Rapid feeds M/min	10	10	10	10	10	10	10	10
Tailstock diameter	58	58	68	68	82	82	82	96
Tailstock quill travel	200	200	220	220	235	235	235	215
Tailstock quill taper	3	3	4	4	5	5	5	6
Main motor power in Kw	5.5	5.5	7.5	7.5	11	11	11	11
Pump motor power in Kw	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
X axis motor force (N)	4500	4500	7910	7910	9000	9000	9000	10100
Z axis motor force (N)	3500	3500	4500	4500	6200	6200	6200	8000
Width of machine	1220	1220	1450	1450	1720	1720	1720	
Length of lathe + Between centres	1450	1450	1530	1530	1600	1600	1600	

# INTRODUCING...

## The latest in turning technology: **AJAX APOLLO AJQT** range of electronic lathes



### Features include:

- Powerful stock removal
- Twin handwheels and joystick
- Ease of programming and operation
- Induction hardened and ground ways
- FANUC touch screen control
- FANUC axis and spindle drives
- Variable spindle speeds with CSS
- Quick change toolpost and holders

### Programme Cycles:

- Facing and turning with radius or chamfer
- Taper turning with radius or chamfer
- Thread cutting with thread repair
- Grooving
- Profiling of contour shapes
- Drilling and tapping
- Radius turning
- External and internal
- Stores 40 cycles or use RS232 port, for storage

up to 10  
times faster than  
a manual lathe  
on one-offs

Turn those complicated shapes easily, quicker, accurately – saving you **MONEY AND TIME!**

An experienced lathe operator will be turning the **APOLLO AJQT** in a matter of hours.

Think of those jobs you have been asked to produce using special lathe equipment, ie. copying attachments, taper turning attachments, special screw cutting attachments or special radius tools. You now do not need these pieces of equipment - the **APOLLO AJQT** does it all!

Simple programming on the FANUC Quick Turn control asks for questions that you read direct from the component drawing, and input into the cycle on the control.

Prices for the **AJAX APOLLO AJQT** are less expensive than a comparable conventional centre lathe with a range of equipment.

**Talk to the specialists...**

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