

Production Series Centre Lathes

Premium lathes affordably priced

The Gate 'TX' Series of Production Centre Lathes are designed to meet today's exacting workshop requirements. With a choice of two models of 435mm and 508mm swing and 1000mm and 1500mm between centres, and a comprehensive range of equipment included as standard, these lathes offer extremely good value for money.

The 'TX' Series Lathes are designed for production use. The 'TX' series lathes feature adjustable carriage stops with automatic cut out – ideal for repeat work.

TURNING



G-430TX

G-430TX pictured with optional Acu-Rite VUE DRO

1. Big Spindle Bore

- 80mm spindle bore

2. Headstock

- Oil bathed lubrication system
- Hardened & ground gears/shafts
- Spindle is supported by three points precision bearings (2 taper roller & 1 ball bearing)
- Dynamic balanced spindle
- Housing is properly stabilised and stress relieved

3. Universal Norton Feed Gearbox

- Induction hardened & ground gears and shafts
- Wide threading range for metric, imperial, MP & DP

4. Apron

- Right hand side apron wheel (L/H option)
- Integrated automatic device for longitudinal & cross forward and reverse
- Overload safety device

5. Carriage and Cross Slide

- Safety clutch and feed lever
- Anti-float design
- Cross slide with backlash eliminator
- Cross slide prepared for rear toolpost

Standard Equipment

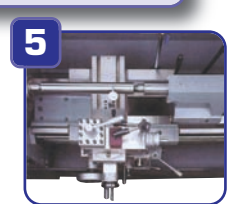
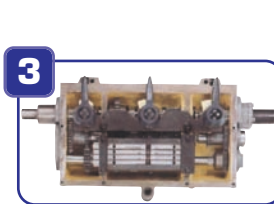
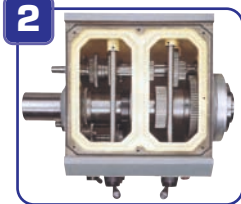
- Digital readout - (Anilam Wizard 411)
- Longitudinal, adjustable length stops with automatic cut out.
- Coolant
- Rear splash guard and saddle guard
- Back plate & face plate
- 3 & 4 jaw chucks
- Steadies
- Quick change toolpost with 6 tool holders
- 2 dead centres & sleeve
- Levelling pads & bolts
- Auto safety stop
- Halogen light
- Tool kit & manual
- CE electrics
- Safety guarding

Optional Extras

- Taper turning attachment (Factory fitted option)
- 5C collet chuck & collets (Factory fitted option)
- Dual dials (Factory fitted option)

SHIPPING SPECIFICATION

Model	Gross Weight	Dimensions
G-430TCX	2050Kg	2240 × 1000 × 1600mm
G-430TCX	2400Kg	2750 × 1000 × 1600mm
G-508TCX	2100Kg	2240 × 1000 × 1600mm
G-508TCX	2450Kg	2750 × 1000 × 1600mm



MODEL	G-430TX	G-508TX	G-430TX	G-508TX
Capacity				
Centre height	217mm	254mm	440mm	440mm
Swing over bed	435mm	508mm	477mm	477mm
Swing over cross slide	277mm	353mm	270mm	270mm
Distance between centre	1120/1450mm	1120/1450mm	120mm	120mm
Width of bed	305mm	305mm	(45)2-72TPI	(45)2-72TPI
Swing over gap	622mm	622mm	(39)0.2-14	(39)0.2-14
Gap width in face plate	200mm	200mm	(21)8-44	(21)8-44
			(18)0.3-3.5	(18)0.3-3.5
Headstock			0.04-1.0mm	0.04-1.0mm
Spindle nose	A1-6	A1-6	0.02-0.5mm	0.02-0.5mm
Spindle bore	80mm	80mm		
Taper of spindle	MT7	MT7	Tailstock	
Spindle speed	12 Steps	12 Steps	Quill diameter/travel	59/130mm
Spindle speed range	36-1800rpm	36-1800rpm	Quill taper	MT4
			Weight	
Power			Machine weight	1750Kg
Main motor/coolant pump	7.5HP / 1/2HP	7.5HP / 1/2HP		1800Kg