



Chester Lathes • Chieftain VS Series



- Rigid Construction
- Digital Readout
- Induction Hardened Bedways
- Cast Base

Standard Accessories:

- ✓ 3-Jaw Chuck
- ✓ 4-Jaw Chuck
- ✓ 2-Axis Digital Readout
- ✓ Lamp
- ✓ Fixed steady
- ✓ Travelling Steady
- ✓ Coolant System
- ✓ Chuck & Leadscrew Guard
- ✓ Live Centre
- ✓ Steel Centres
- ✓ Reducing Sleeve
- ✓ Foot Brake
- ✓ Quick Change Tool post
- ✓ Operation Manual

Optional Accessories:

- Thread Chasing Dial
- Taper Turning Attachment
- Live Centre

Model	2640VS	2660VS	2680VS	26120VS
CAPACITY				
Max.swing over bed	Φ660mm	Φ660mm	Φ660mm	Φ660mm
Max.swing over carriage	Φ420mm	Φ420mm	Φ420mm	Φ420mm
Max. swing over gap	Φ870mm	Φ870mm	Φ870mm	Φ870mm
Bed width	405mm	405mm	405mm	405mm
Effective length of gap	230mm	230mm	230mm	230mm
Distance between centers	1000mm	1500mm	2000mm	3000mm
Max turning length	830mm	1330mm	1830mm	2830mm
SPINDLE				
Spindle nose	D8			
Spindle bore	Φ105mm			
Taper bore of spindle	Φ113mm 1:20			
Range of spindle speed	23~150 150~433 433~1300rpm			
FEED				
Range of longitudinal feeds	0.063~2.52 (0.023~0.937)mm			
Range of cross feeds	0.027~1.07 (0.010~0.404)mm			
RAPID TRAVEL				
Longitudinal	4500mm/min			
Cross	1900mm/min			
THREAD RANGE/ NUMBER				
Metric pitch threads	1~14mm/ 22			
Whit-worth threads	28~2TPI/ 26			
Module threads	0.5~7MP/ 18			
D.P.Threads	56~4DP/ 24			
TAILSTOCK SLEEVE				
Taper bore	150(5~29/32")mm			
Max.travel	150(5~29/32")mm			
External diameter	Φ75(2~61/64")mm			
OTHERS				
Size of tool shank	360mm			
Max.travel of top slide	145mm			
Main motor power	7.5kw			

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Optional Accessories:

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Model	1640VS	1660VS	1840VS	1860VS	1880VS
Max.swing over bed	400mm	400mm	460mm	460mm	460mm
Max.swing over cross slide	250mm	250mm	290mm	290mm	290mm
Max. swing over gap	660mm	660mm	700mm	700mm	700mm
Distance between centers	1000mm	1500mm	1000mm	1500mm	2000mm
Bed width	336mm	336mm	336mm	336mm	336mm
HEADSTOCK					
Spindle bore	80mm	80mm	80mm	80mm	80mm
Spindle mount	D1-8	D1-8	D1-8	D1-8	D1-8
Taper bore of spindle	MT-7	MT-7	MT-7	MT-7	MT-7
Steps of spindle speed	2	2	2	2	2
Range of spindle speed	40-400, 200-2000 rpm	40-400, 200-2000 rpm	40-400, 200-2000 rpm	40-400, 200-2000 rpm	40-400, 200-2000 rpm
GEARBOX					
Range of longitudinal feeds	0.04-2.46mm	0.04-2.46mm	0.04-2.46mm	0.04-2.46mm	0.04-2.46mm
Range of cross feeds	0.02-1.23mm	0.02-1.23mm	0.02-1.23mm	0.02-1.23mm	0.02-1.23mm
Number of inch threads	61	61	61	61	61
Range of inch threads	1-5/8 - 72 T.P.I.	1-5/8 - 72 T.P.I.	1-5/8 - 72 T.P.I.	1-5/8 - 72 T.P.I.	1-5/8 - 72 T.P.I.
Number of metric threads	24	24	24	24	24
Range of metric threads	0.5-20mm	0.5-20mm	0.5-20mm	0.5-20mm	0.5-20mm
Number of D.P threads	45	45	45	45	45
Range of D.P threads	96-3 1/4D.P	96-3 1/4D.P	96-3 1/4D.P	96-3 1/4D.P	96-3 1/4D.P
Number of module threads	20	20	20	20	20
Range of module threads	0.25-10M.Pmm	0.25-10M.Pmm	0.25-10M.Pmm	0.25-10M.Pmm	0.25-10M.Pmm
CARRIAGE					
Max.Tool size	25x25mm	25x25mm	25x25mm	25x25mm	25x25mm
Max.compound slide travel	130mm	130mm	130mm	130mm	130mm
Max.cross slide travel	280mm	280mm	280mm	280mm	280mm
TAILSTOCK					
Tailstock sleeve travel	130mm	130mm	130mm	130mm	130mm
Taper in tailstock sleeve	MT-4	MT-4	MT-4	MT-4	MT-4
MISCELLANEOUS					
Main motor	5.5kw (7.5HP)	5.5kw (7.5HP)	5.5kw (7.5HP)	5.5kw (7.5HP)	5.5kw (7.5HP)
Net weight	2300kg	2600kg	2350kg	2650kg	3000kg

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