

The World Turns Precisely with Harrison Lathes

Specifications

		M300	V350	V390	V460	V550
Centers	Height	167mm (6-3/16")	170mm (6-11/16")	195mm (7-5/8")	230mm (9")	280mm (11")
	Admit Between	635/1000mm (25/40")	650mm (25-1/4")	1250mm (50")	1500mm (60")	2000/3000mm (80/120")
Swing	Over Bed	330mm (13")	350mm (13-3/4")	400mm (15-3/4")	460mm (18")	554mm (21-7/8")
	Over Cross Slide	210mm (8-1/8")	196mm (7-3/4")	246mm (9-5/8")	270mm (10-5/8")	370mm (14-1/2")
	In Gap Diameter	480mm (19")	535mm (21")	585mm (23")	730mm (28-3/4")	830mm (32-3/4")
	Length	117mm (4-5/8")	165mm (6-1/2")	165mm (6-1/2")	216mm (8-1/2")	216mm (8-1/2")
Spindle	Bore	40mm (1-9/16")	42mm (1-5/8")	54mm (2-1/8")	76mm (3")	90mm (4.1")
	Nose	D1-4 Camlock	D1-4 Camlock	D1-6 Camlock	D1-8 Camlock	D1-11 Camlock
	Morse Taper in Nose	3 MT	4 MT	4 MT	5 MT	5 MT
Speeds	Number	12	3 infinitely variable	3 infinitely variable	3 infinitely variable	3 infinitely variable
	Range	40 to 2500rpm	17 to 3250rpm	14 to 2500rpm	20 to 2000rpm	18 to 1800rpm
Motor		2.2kW	7.5kW	7.5kW	11kW	11kW
Leadscrew	Diameter	28mm (1-1/8")	32mm (1-1/4")	32mm (1-1/4")	38mm (1-1/2")	38mm (1-1/2")
	Thread	6mm pitch or 4 TPI	6mm pitch or 4 TPI	6mm pitch or 4 TPI	6mm pitch or 4 TPI	6mm pitch or 4 TPI
Threads	Metric Pitches	45 from 0.2 to 14mm	51 from 0.2 to 14mm	51 from 0.2 to 14mm	78 from 0.2 to 14mm	78 from 0.2 to 14mm
	Imperial Pitches	52 from 2 to 56 TPI	56 from 2 to 56 TPI	56 from 2 to 56 TPI	79 from 2 to 84 TPI	79 from 2 to 84 TPI
	Module Pitches	18 from 0.3 to 3.5 MOD	20 from 0.2 to 3.5 MOD	20 from 0.2 to 3.5 MOD	47 from 0.2 to 3.5 MOD	47 from 0.2 to 3.5 MOD
	Diametral Pitches	18 from 8 to 56 DP	20 from 8 to 56 DP	20 from 8 to 56 DP	47 from 8 to 72 DP	47 from 8 to 72 DP
Feeds	Metric	21 from 0.3 to 2mm/rev	42 from .036 to .4mm/rev	42 from .036 to .4mm/rev	38 from .04 to .84mm/rev	38 from .04 to .84mm/rev
	Imperial	21 from .001 to .080in/rev	42 from .0014 to .096in/rev	42 from .0014 to .096in/rev	38 from .0016 to .110in/rev	38 from .0016 to .110in/rev
Cross Slide	Width	140mm (5-1/2")	180mm (7")	180mm (7")	203mm (8")	203mm (8")
	Travel	190mm (7-1/2")	250mm (9-7/8")	250mm (9-7/8")	300mm (11-7/8")	300mm (11-7/8")
Top Slide	Width	82mm (3-1/4")	100mm (4")	100mm (4")	133mm (5-1/4")	133mm (5-1/4")
	Travel	92mm (7-1/2")	100mm (4")	130mm (5-1/8")	150mm (6")	175mm (6-7/8")
Tailstock	Quill Diameter	42mm (1-5/8")	63mm (2-1/4")	63mm (2-1/4")	95mm (3-1/4")	95mm (3-1/4")
	Travel	110mm (4-5/16")	145mm (5-11/16")	145mm (5-11/16")	145mm (5-11/16")	178mm (7")
	Morse Taper	3 MT	4 MT	5 MT	6 MT	6 MT
Weight		710/790kg (1562/1738lbs)	1350kg (2970lbs)	1400kg (3080lbs)	2615kg (5753lbs)	2850/3610kg (6270/7942lbs)
Dimensions	L x W x H	1.68x.97x1.4m (66x38x55")	2.03x1.35x1.65m (80x53x65")	2.72x1.35x1.65m (107x53x65")	3.25x1.70x2.05m (128x67x81")	3.75x1.70x2.10m (147x67x81")
		2.13x1.02x1.45m (84x40x57")				4.75x1.70x2.10m (187x67x81")

