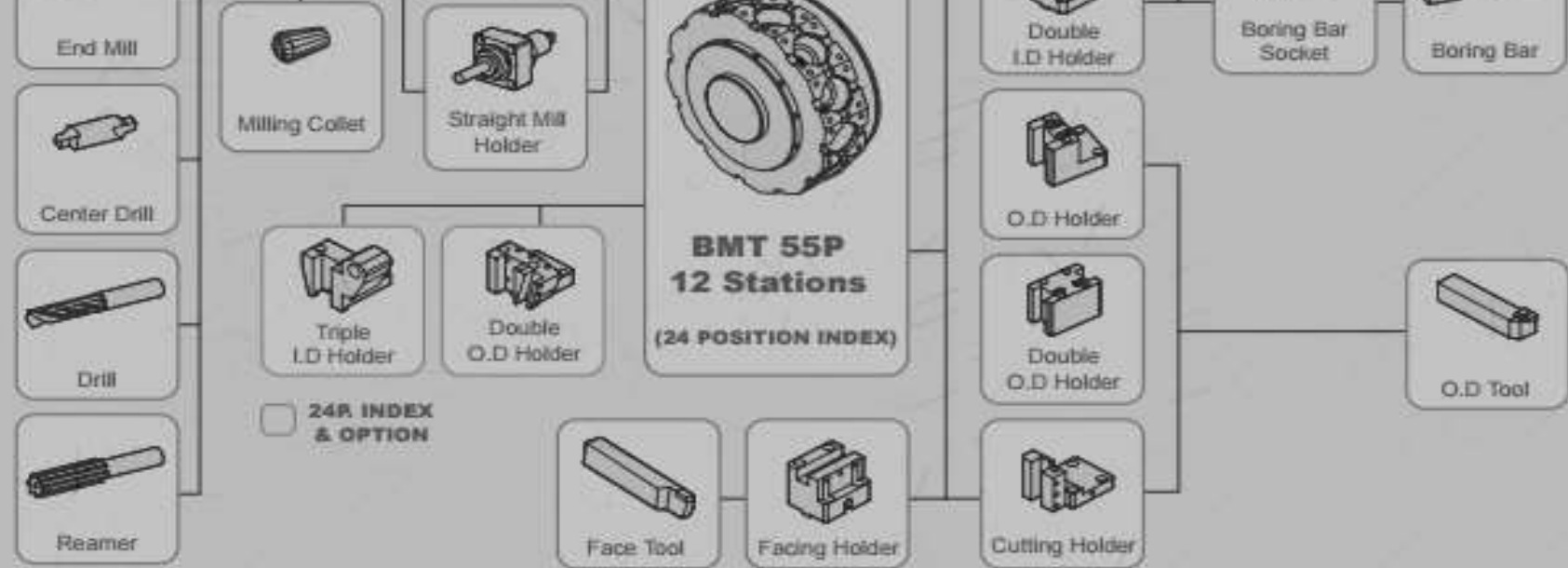


CNC Slantbed Horizontal Lathe Machine

DESCRIPTION			UNIT	3015S	3015M	3015L	3015XL
CAPACITY	Swing over bed		mm	Φ740		Φ740	
	Max, Rotational dia			Φ656		Φ656	
	Max. turning diameter			Φ500	BMT55:φ530	Φ300	
					BMT65:φ480		
	Max. turning length			708[1,288]	BMT55:654 [1,235]	660[1,225]	
					BMT65:658 [1,238]		
	Bar working diameter			Φ74			
Travel	Travel Distance	X-axis	mm	260		215	
		Z-axis		730[1,350]			
		Y-axis		-	-	±55	±56
		B-axis		-	-	-	730[1,350]
Feed rates	Rapid traverse	X-axis	m/min (ipm)	24			
		Z-axis		30			
		Y-axis		-	-	10	
		B-axis		-	-	-	24
Spindle	Spindle speed (Belt Type) [optional : Built in		r/min	2,800		3,000	
	Spindle nose			12inch chuck A2-8		10inch chuck A2-8	
	Spindle through hole diameter		mm	Φ91			

	Min. spindle indexing angle(C-axis)	deg	-	0.001		
Turret	No. of tool stations	st	12	12/ BMT55/65	12/BMT55	
	OD tool size	mm	25			
	Boring bar diameter		50	40		
	Indexing time(1st swivel time)	s	0.2			
	Rotary tool spindle speed	r/min	-	4,000		
Tail stock	Quill diameter	mm	Φ100			
	Quill bore taper(Live)		MT5			
	Tailstock Bushing Travel	mm	120			
Sub-spindle	Spindle speed (Belt) [optional : Built in]	r/min	-			4,500
	Spindle nose		-			A2-5
	Spindle bearing diameter(Front)	mm	-			90
	Spindle through hole diameter		-			56
	Min. spindle indexing angle (C-axis)	deg	-			0.001
Motor	Main spindle motor	kW(Hp)	15/18.5			
	Sub spindle motor					15.5/13.2
	Collant Motor Power		0.4			
Power source	Electric power supply (Rated capacity)	kVA	30	35	35 > 50	35 > 50
Machine size	Machine height	mm	1,755		2015	
	Machine dimension		L= 3,284 / 4,359 W= 1,817/1,879		L= 3,413 / 4,359. W= 1,860 / 1,900	
	Machine weight	KG(lb)	5,800[7,000]		6,200(7,300)	6,500(7,600)





ITEM			Y Type (12P)		Y Type (24P : Opt.)	
			mm Unit	Inch Unit	mm Unit	Inch Unit
Turning Holder	O.D. Holder	Right/Left	4	4	3	3
		Double	-	-	-	-
		Double (24P, Main)	-	-	1	1
		Double (24P, Sub)	-	-	-	-
	Facing Holder		1	1	1	1
	Cutting Holder		-	-	-	-
Boring Holder	I.D. Holder	Single	3	3	2	2
		Double	-	-	-	-
		Triple	-	-	1	1
	U-Drill Holder	Cap	1	1	1	1
Driven Holder	Straight Mill Holder	Standard	2	2	2	2
	Angular Mill Holder	Standard	2	2	2	2
Socket	Boring	Ø10 (Ø3/8")	-	-	-	-
		Ø12 (Ø1/2")	-	-	-	-
		Ø16 (Ø5/8")	-	-	-	-
		Ø20 (Ø3/4")	-	-	-	-
		Ø25 (Ø1")	-	-	-	-
		Ø32 (Ø1 1/4")	-	-	-	-
		Ø8 (5/16")	-	-	-	-

	Sub Boring	Ø12 (1/2")	-	-	-	-
		Ø16 (5/8")	-	-	-	-
	Drill	MT 2	-	-	-	-
		MT 3	-	-	-	-
		MT 4	-	-	-	-
	ER Collet		-	-	-	-
	Adapter Set		Opt.	Opt.	Opt.	Opt.



**Model #
3105S**

CNC Slantbed Horizontal Lathe Machine

DESCRIPTION			UNIT	3605S	3015M	3015L	3015XL
CAPACITY	Swing over bed		mm	Φ940			
	Max, Rotational dia			Φ855		Φ870	
	Max. turning diameter			Φ540	Φ520	Φ420	
	Max. turning length			1342 [2120/3120]	1265[2070/3070]	1225[2020/3020]	
	Bar working diameter			Φ119			
Travel	Travel Distance	X-axis	mm	295		265	
		Z-axis		1,350[2,150/3,150]			
		Y-axis		-	-	±60	±60
		B-axis		-	-	-	1350[2150/3150]
	Rapid traverse	X-axis	m/min	24			
		Z-axis		30			

Feed rates	Rapid traverse	Y-axis	(ipm)	-	-	10	
		B-axis		-	-	-	24
Spindle	Spindle speed (Belt type) Optional - Built in						
			r/min	2,000		2,500	
	Spindle nose			15inch chuck A2-11		12inch chuck A2-11	
	Spindle through hole diameter		mm	Φ131			
	min. spindle indexing angle(C-axis)		deg	-	0.001		
Turret							
	No. of tool stations		st	12	12/ BMT75	12/BMT65	
	OD tool size		mm	25	32	25	
	Boring bar diameter			50		40	
	Indexing time(1st swivel time)		s	0.2			
Tail stock	Rotary tool spindle speed		r/min	-	4,000		
	Quill diameter		mm	Φ100			
	Quill bore taper(Live)			MT5			
	Tailstock Bushing Travel		mm	120			
Sub-spindle	Spindle speed (Belt type) Optional - Built in						
	Spindle nose			-		4,500	
	Spindle bearing diameter(Front)		mm	-		A2-5	
	Spindle through hole diameter			-		90	
	min. spindle indexing angle (C-axis)		deg	-		56	
Motor				0.001			
	Main spindle motor		kW(Hp)	15/18.5			
	Sub spindle motor			15.5/13.2			
	Collant Motor Power			0.4			
Power source							
	Electric power supply		kVA	35	35	35	40
Machine size							
	Machine height		mm	1,857		2,057	
	Machine dimension			L= 4,195/ 5,365 W= 1,978			
	Machine weight		KG(lb)	7,200[8,500/10,000]		7,400(8,700/10,500)	8,400(9,,7600/11,500)





ITEM			SY Type (12P)		SY Type (24P : Opt.)	
			mm Unit	Inch Unit	mm Unit	Inch Unit
Turning Holder	O.D Holder	Right/Left	3	3	3	3
		Double	1	1	-	-
		Double (24P, Main)	-	-	1	1
		Double (24P, Sub)	-	-	1	1
	Facing Holder		1	1	-	-
	Cutting Holder		-	-	-	-
Boring Holder	I.D Holder	Single	3	3	2	2
		Double	1	1	-	-
		Triple	-	-	1	1
	U-Drill Holder	Cap	-	-	-	-
Driven Holder	Straight Mill Holder	Standard	2	2	2	2
	Angular Mill Holder	Standard	2	2	2	2
Boring		Ø10 (Ø3/8")	-	-	-	-
		Ø12 (Ø1/2")	-	-	-	-
		Ø16 (Ø5/8")	-	-	-	-
		Ø20 (Ø3/4")	-	-	-	-
		Ø25 (Ø1")	-	-	-	-

Socket		Ø25 (Ø1")	-	-	-	-
		Ø32 (Ø1 1/4")	-	-	-	-
	Sub Boring	Ø8 (5/16")	-	-	-	-
		Ø12 (1/2")	-	-	-	-
		Ø16 (5/8")	-	-	-	-
	Drill	MT 2	-	-	-	-
		MT 3	-	-	-	-
		MT 4	-	-	-	-
	ER Collet		-	-	-	-
	Adapter Set		Opt.	Opt.	Opt.	Opt.

