

# MARUKA

Our Goal is Your Success



## TIGHT BENDING BOOSTER BENDER SPECIFICATIONS

*Hyper Series*

*1DR Tight Bending Booster Bender*

HYPER SERIES		40ST	60ST	80ST	100ST	120ST	
		unit:mm					
Bend Capacity	Stainless steel pipe	ø42.7×t2.5	ø54×t2.0	ø80×t2.0	ø114.3×t2.3	ø127×t3.5	
	Heavy wall pipe	ø48.6×t3.5	ø60.5×t2.5	ø60.5×t5.5	ø89.1×t7.6	ø101.6×t5.7	
Bend radius (mm)	Tight Bending R	1~1.5DR	1~1.5DR	1~1.5DR	1~1.5DR	1~1.5DR	
	Min/ Max. Single R	30~120	30~150	30~150	30~250	50~350	
	Double R. difference	30	50	50	50	80	
Bending angle	1~1.5DR	120°MAX	120°MAX	120°MAX	120°MAX	120°MAX	
	Over 2 DR	180°MAX	180°MAX	180°MAX	180°MAX	180°MAX	
Pipe effective length		2000mm	2000mm	2000mm	3000mm	4000mm	
Booster force	Pipe booster	3.7 TON	5 TON	10 TON	15 TON	20 TON	
	Side booster	2 TON	3 TON	4TON	7 TON	7 TON	
Operating Speed	Bend Axis	12~90°/sec	10~77°/sec	8~60°/sec	6~30°/sec	3~22.5°/sec	
	Feed Axis	800mm/sec	700mm/sec	400mm/sec	400mm/sec	400mm/sec	
	Plane Axis	18~250°/sec	18~250°/sec	18~120°/sec	18~120°/sec	5~70°/sec	
	Pipe booster	150mm/sec	150mm/sec	50mm/sec	50mm/sec	50mm/sec	
Productivity	Accuracy	Bend	±0.1°	±0.1°	±0.1°	±0.1°	
		Feed	±0.1°mm	±0.1°mm	±0.1°mm	±0.1°mm	±0.1°mm
		Plane	±0.1°	±0.1°	±0.1°	±0.1°	±0.1°
	Average bend Capacity/hour	800Bends	700Bends	600Bends	400Bends	200Bends	
Hydraulic unit	Motor capacity	No.1	5.5kw,4P	11kw,4P	22kw,4P	22kw,4P	22kw,4P
		No.2	5.5kw,4P	7.5kw,4P	22kw,4P	22kw,4P	22kw,4P
		No.3	-	-	3.7kw,4P	3.7kw,4P	3.7kw,4P
	Oil reservoir	180 liter	280 liter	500 liter	500 liter	500 liter	
	Oil cooler	Water cooled	Water cooled	Water cooled	Water cooled	Water cooled	
Power source	Electric capacity	25kw	35kw	55kw	60kw	80kw	
	Primary power source	AC200V,60H	AC200V,60H	AC200V,60H	AC200V,60H	AC200V,60H	
Main unit dimension	L <sub>A</sub> ~W <sub>A</sub> ~H (mm)	4,400×	4,800×	5,200×	7,100×	8,000×	
		1,300×	1,750×	1,750×	2,000×	2,800×	
		1,550	1,650	1,720	2,000	2,200	
Center height (operating height from floor)	1,155mm	1,205mm	1,240mm	1,340mm	1,450mm		
Weight	Gross weight	4 TON	6 TON	9 TON	12 TON	16 TON	

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