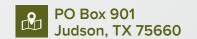


AN IMCAR® COMPANY



SIH 3 ROLL PLATE BENDING MACHINES





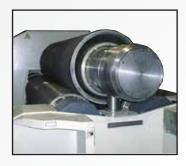
3 ROLL PLATE BENDING MACHINES WITH FULL PRE-BENDING CAPABILITY



SIH 80/5

The SIH series of plate rolls provides a 3 roll double-pinch format designed and built to the exacting and rigid standards of excellence synonymous with IMCAR products. For machine operators or applications that do not seek to incorporate CNC control potential, while still gaining a functional, capable and sturdy machine, the SIH series provides an attractive option.

3 ROLL PLATE BENDING MACHINES WITH FULL PRE-BENDING CAPABILITY









TECHNICAL FEATURES

- Hydraulic 3 roll plate bending machine with full pre-bending capability
- Useful length from 3' to 20'
- Capacities from ¾" to 5"
- Fully hydraulic
- CNC machined, industrial grade main frame components
- Oversized hydraulic system for lower working pressure, reduced machine strain, increased longevity and workload potential
- Linear guide design for maximum power and high quality pre-bending
- 3 hydraulic motors coupled to planetary reducers for 3 roll rotation funcionality
- Automatic compensation of top roll rotation speed
- Hardened rolls
- Extended shafts for section bending dies on select models
- Industrial grade mobile control console
- Push buttons controls allow parallel movement of lateral rolls and rotation function
- Drop end control from control console
- Proportional valve and PLC compensation of lateral roll parallelism for high precision and maximum quality
- Hydraulic inclination of lateral rolls for conical bending direct from control console via selector switch network
- 4 digital readouts for roll positioning
- Variable speed standard













SIH SOLUTIONS FOR MEDIUM TO HEAVY PLATE APPLICATIONS

	SIH Model	Total Roll Length	Pre-bend Capacity	Rolling Capacity	Roll Diameters	
					Тор	Lateral
	20/3	6'	1"	1-3/16"	13.78"	13.00"
	25/3	6'	1-1/4"	1-1/2"	15.35"	13.78"
	30/3	6'	1-1/2"	1-3/4"	16.53"	14.96"
	35/3	6'	1-3/4"	2"	18.50"	17.32"
	40/3	6'	2"	2-3/8"	20.87"	19.30"
	50/3	6'	2-3/8"	3"	22.83"	21.26"
	60/3	6'	2-7/8"	3-1/2"	23.62"	22.44"
	70/3	6'	3-5/16"	4"	25.60"	23.62"
lest	20/4	8'	7/8"	1-1/8"	13.78"	13.00"
Capacities not listed are available upon request	25/4	8'	1"	1-3/16"	15.35"	13.78"
	30/4	8'	1-1/4"	1-1/2"	16.53"	14.96"
	35/4	8'	1-1/2"	1 3/4"	18.50"	17.32"
	40/4	8'	1-3/4"	2-1/8"	20.87"	19.30"
	50/4	8'	2"	2-3/8"	22.83"	21.26"
	60/4	8'	2-3/8"	3"	23.62"	22.44"
sted	70/4	8'	2-7/8"	3-1/2"	25.60"	23.62"
ot li	20/5	10'	3/4"	7/8"	13.78"	13.00"
es n	25/5	10'	7/8"	1"	15.35"	13.78"
aciti	30/5	10'	1"	1-3/16"	16.53"	14.96"
Сар	35/5	10'	1-1/4"	1-1/2"	18.50"	17.32"
h &	40/5	10'	1-1/2"	1-3/4"	20.87"	19.30"
Length	50/5	10'	1-3/4"	2-1/8"	22.83"	21.26"
ٽ	60/5	10'	2"	2-3/8"	23.62"	22.44"
	70/5	10'	2-3/8"	3"	25.60"	23.62"
	20/7	13'	1/2"	5/8"	13.78"	13.00"
	25/7	13'	5/8"	3/4"	15.35"	13.78"
	30/7	13'	3/4"	7/8"	16.53"	14.96"
	35/7	13'	7/8"	1"	18.50"	17.32"
	40/7	13'	1"	1-3/16"	20.87"	19.30"
	50/7	13'	1-1/4"	1-1/2"	22.83"	21 .26"
	60/7	13'	1-1/2"	1-3/4"	23.62"	22.44"
	70/7	13'	1-3/4"	2"	25.60"	23.62"



