



FABRICATION SOLUTIONS & TECHNOLOGIES

AN IMCAR® COMPANY



HI-TECH

HYDRAULIC & PNEUMATIC MACHINES



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HI-TECH HYDRAULIC & PNEUMATIC MACHINES



The Hi-Tech series of rolls by IMCAR provide options for rolling sheet and gauge material for a wide range of products and manufacturing requirements. These machines work at high speeds with optimal precision and quality.

The ease of function and operation of the Hi-Tech series allows quick set up and programming by even the most inexperienced operators while not sacrificing on quality or efficiency. In most cases these rolls allow one pass rolling and with the 2 roll version, eliminate the unbent straight.

Hi-Tech Rolls can be included in Automatic System design to fully encompass your manufacturing requirements from material feed, ejection and even fit-up and welding of the completed part. Contact us today to learn why shops all over the world rely on the IMCAR Hi-Tech series for their production needs.

HI-TECH HYDRAULIC & PNEUMATIC MACHINES



HI-TECH HYDRAULIC TECHNICAL SPECIFICATIONS

HTH Model	Useful Length	Pre-bend Capacity			Rolls Diameter		HP	Overall Dimensions L x W x H	Weight (lbs.)	Speed
		Thickness	min. bending Ø normal steel yield stress		Ø Central Rolls	Ø Lateral Rolls				
5/130	20"	9 gauge	7"	7.7"	5.1"	4.3"	3	85 x 37 x 74	2,500	20 fpm
10/130	39"	1/8"	7"	7.7"	5.1"	4.3"	3	105 x 37 x 74	3,100	20 fpm
15/130	60"	14 gauge	7"	7.7"	5.1"	4.3"	3	124 x 37 x 74	3,650	20 fpm
5/150	20"	3/16"	8.25"	8.9"	5.9"	5.1"	4	85 x 38 x 74	2,760	21 fpm
10/150	39"	9 gauge	8.25"	8.9"	5.9"	5.1"	4	105 x 38 x 74	3,400	21 fpm
15/150	60"	1/8"	8.25"	8.9"	5.9"	5.1"	4	124 x 38 x 74	4,100	21 fpm
20/150	78"	14 gauge	8.25"	8.9"	5.9"	5.1"	4	144 x 38 x 74	4,850	21 fpm
10/170	39"	3/16"	9.5"	10"	6.7"	5.1"	4	105 x 38 x 74	3,750	22 fpm
15/170	60"	9 gauge	9.5"	10"	6.7"	5.1"	4	124 x 38 x 74	4,400	22 fpm
20/170	78"	1/8"	9.5"	10"	6.7"	5.1"	4	144 x 38 x 74	5,300	22 fpm

HI-TECH PNEUMATIC TECHNICAL SPECIFICATIONS

HT Model	Useful Length	Pre-bend Capacity			Rolls Diameter		HP	Overall Dimensions L x W x H	Weight (lbs.)	Speed
		Thickness	min. bending Ø normal steel yield stress		Ø Central Rolls	Ø Lateral Rolls				
5/76	20"	18 gauge	3.9	4.5	3"	2.75"	2	65 x 33 x 53	775	23 fpm
10/76	39"	22 gauge	3.9	4.5	3"	2.75"	2	85 x 33 x 53	995	23 fpm
13/76	51"	24 gauge	3.9	4.5	3"	2.75"	2	96.5 x 33 x 53	1,100	23 fpm
5/86	20"	16 gauge	4.3	5.1	3.15"	2.95"	2	65 x 33 x 53	795	26 fpm
10/86	39"	20 gauge	4.3	5.1	3.15"	2.95"	2	85 x 33 x 53	1,060	26 fpm
13/86	51"	22 gauge	4.3	5.1	3.15"	2.95"	2	96.5 x 33 x 53	1,215	26 fpm
5/96	20"	14 gauge	4.9	5.7	3.77"	3.15"	2	65 x 33 x 53	840	29 fpm
10/96	39"	16 gauge	4.9	5.7	3.77"	3.15"	2	85 x 33 x 53	1,125	29 fpm
13/96	51"	20 gauge	4.9	5.7	3.77"	3.15"	2	96.5 x 33 x 53	1,300	29 fpm
5/106	20"	13 gauge	5.3	6.3	4.17"	3.35"	2	65 x 33 x 53	885	32 fpm
10/106	39"	14 gauge	5.3	6.3	4.17"	3.35"	2	85 x 33 x 53	1,220	32 fpm
13/106	51"	16 gauge	5.3	6.3	4.17"	3.35"	2	96.5 x 33 x 53	1,460	32 fpm