ATLAS TECHNOLOGIES
Division of Stonebridge Technical Enterprises, Ltd.
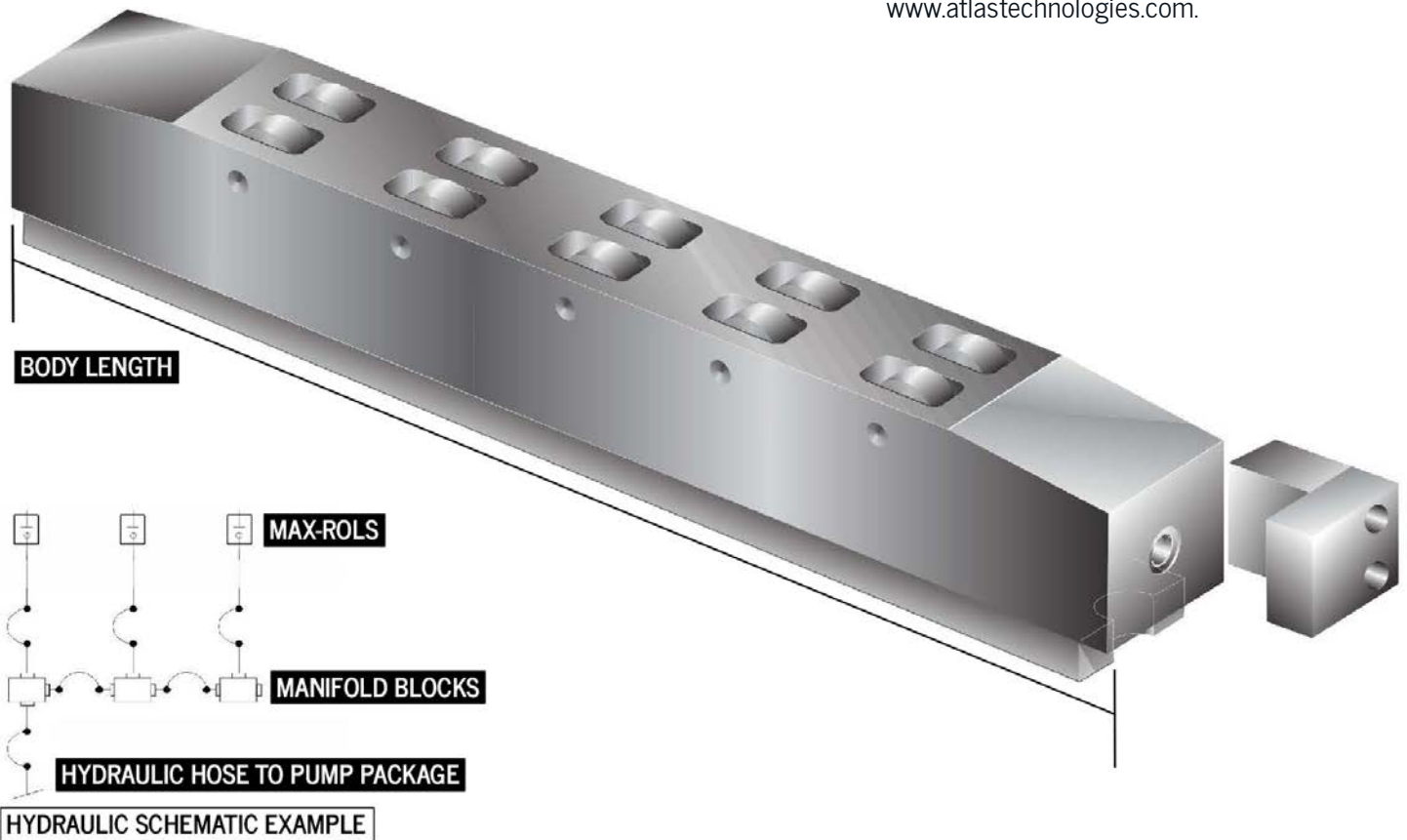
PRODUCT DETAILS
MAX-ROL Die Lifter

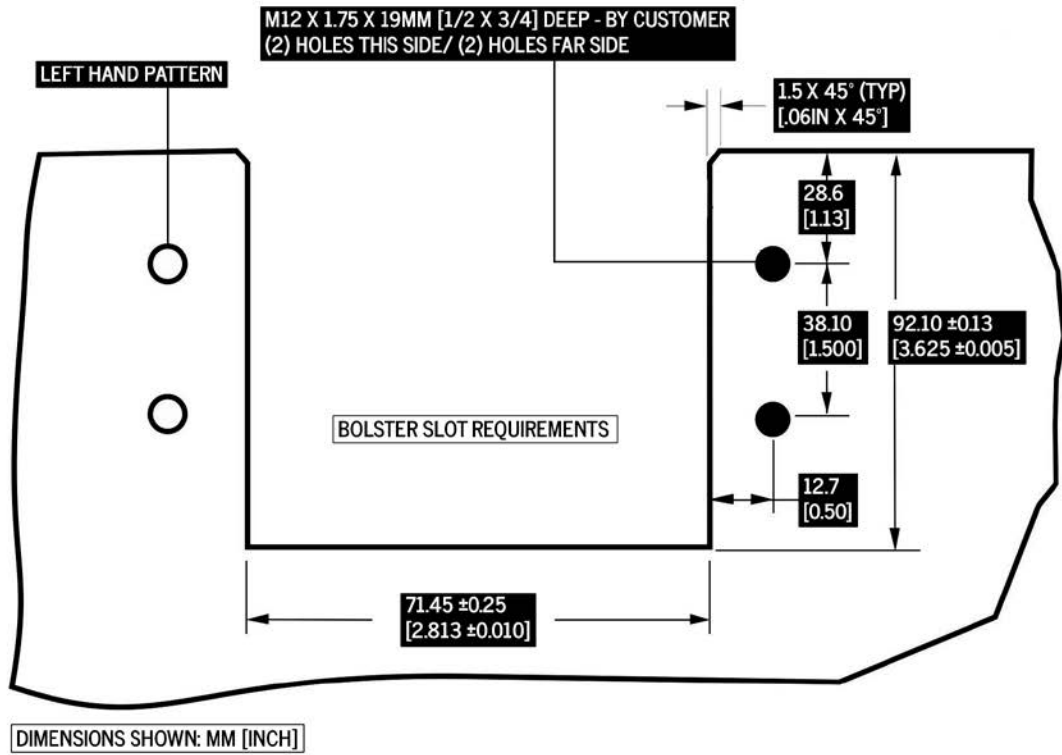**Atlas Technologies' MAX-ROL** is the heavy-duty counterpart to the LIF-T-ROL. The MAX-ROL die lifters provide all the great features of the LIFT-T-ROL, but provide a greater roller area for applications that require up to 8,000 lbs./ft of lifting force. The MAX-ROL die lifter design has minimal fittings and is easy to install.

Atlas also offers LIF-T-ROL, Ledge Clamp and Air-Lifter Assemblies. Please contact us at 810-629-6663 and speak with a Components Representative, or visit us at www.atlastechnologies.com.

FEATURES

+ 138 bar (2,000 psi) fluid pressure

+ Mounts in bolster slots, machining may be req'd

+ Hydraulic system connects to either end

+ BSPP or SAE fittings & ports

+ Metric or Inch fasteners

+ Minimal fittings

+ Easily installed

+ Complete w/ hardware, fittings & hose kit

+ Retainer mounts required each end, but is optional for right or left side mounting

+ Maximum stroke is 4.8 [.19 in.] with a die lift of 3.3 [.13 in.]

+ Provides a lifting force of 116,745 N per meter [8,000 lbs per foot] of body length (Each meter of body length will lift 11,905 Kg. mass)

M12 X 1.75 X 19MM [1/2 X 3/4] DEEP - BY CUSTOMER
(2) HOLES THIS SIDE/ (2) HOLES FAR SIDE

LEFT HAND PATTERN

1.5 X 45° (TYP)
[.06IN X 45°]

28.6
[1.13]

38.10
[1.500]

92.10 ±0.13
[3.625 ±0.005]

BOLSTER SLOT REQUIREMENTS

12.7
[0.50]

71.45 ±0.25
[2.813 ±0.010]

DIMENSIONS SHOWN: MM [INCH]

ASSEMBLY		LENGTH CODE	BODY LENGTH		VOLUME OF OIL DISPLACED	
			MM	IN	CM³	IN³
S.013.AE.011	S.013.13.011	.01	977.9	38.5	49.82	3.04
BSPP	SAE	.02	1,130.3	44.5	58.17	3.55
		.03	1,282.7	50.5	66.53	4.06
		.04	1,587.5	62.5	83.08	5.07
		.05	1,892.5	74.5	99.80	6.09
		.06	2,197.1	86.5	116.35	7.10
		.07	2,501.9	98.5	133.06	8.12
		.08	2,806.7	110.5	149.61	9.13
S.013.AE.011	S.013.14.011	.01	1,333.5	52.5	66.53	4.06
BSPP	SAE	.02	1,485.9	58.5	74.89	4.57
		.03	1,638.3	64.5	93.08	5.07
		.04	1,790.7	70.5	91.44	5.58
		.05	1,943.1	76.5	99.80	6.09
		.06	2,095.5	82.5	108.15	6.60
		.07	2,247.9	88.5	116.35	7.10
		.08	2,400.3	94.5	124.71	7.61
		.09	2,552.7	100.5	133.06	8.12
		.10	2,705.1	106.5	141.42	8.63
		.11	2,857.5	112.5	149.61	9.13