

RAAR Group USA, Inc.
S. California Sales Office

PO Box 3476

Redondo Beach, CA 90277 USA

Ph: 310-487-3800 Fx: 702-947-6320

Director: Rick Schotts

Email: rick.raargroup@gmail.com

DUNS #: 079-275-790 Cage Code: 7EXT2

Established Since 1985/Veteran Owned

www.raargroupusa.com

LAKE ERIE 2100 TON TRIPLE ACTION HYDRAULIC PRESS
UPDATED AND REBUILT IN 2002

SERIAL NUMBER: 1628

BED SIZE: 9.5' X 10.5 '

ROLLING BOLSTER, 125,000 # Hydraulically Controlled with 40,000 # Bolster Clamps

Duo Safe Safety Curtains

Nematron SLC 500 Control

MAY BE SEEN UNDER POWER IN LOS ANGELES, CA

<https://www.youtube.com/watch?v=4sNpvGg-ahg&feature=youtu.be>

Full Specs Follows:

OPTION	Description	Speed	Area	GPM	FORCE (Tons)	Combined FORCE	PSI	HP
MAIN RAM	1 ea, 27" bore, 37" stroke, 572.5 sq-in							
	Fast Approach	500.00		N/A	N/A		N/A	N/A
	Slow Approach	TBD		N/A	N/A		N/A	N/A
	1 Pressing at Max Speed (Double Acting)	63.00	572.50	156.14	1,001.88		3,500	318.83
	2 Pressing at Max Speed (Single Acting)	21.50	572.50	53.28	858.75	2,141.55	3,000	93.26
	Return	300.00		N/A				N/A
CLAMP (4 each)	4 ea 16.5" bore w/ 16" rod, 36" stroke, 213.8 sq-in each				3000 psi max			
	Fast Approach (Meter Out)	500.00		109.96			0	0.00
	Slow Approach (Meter Out)	TBD		N/A			0	N/A
	Pressing at Slow Approach Speed (Clamp at 22 IPM,							
	1A switches to Clamping Pump)	22.00		81.45	1,282.80		3,000	142.56
	Clamp Holding							
	1B (While Main Ram Presses)	0.00		5.00	1,282.80		3,000	8.75
	Pressing at Max Tonnage & Max Speed							
	2 (Single Acting)	22.00		81.45	1,282.80		3,000	142.56
	Return	300.00		65.97	50.80		2,000	76.98
	Return Area, 4 each 12.7 sq-in net each		50.80	65.97	88.90		3,500	134.72
			50.80	65.97	127.00		5,000	192.46
MAIN RAM PULL BACK (2 each)	2 ea, 8" bore w/5" rod, 37" stroke (30.66 sq-in net each)							
	Fast Approach	500.00		132.73				N/A
	Slow Approach	TBD						
	Return	300.00		61.32	79.64	61.32	2,000	92.92
CUSHION (4 cylinders)								
4 each 10 inch bore x 15 inch stroke, 78.5 sq-in each	Drawing at Max Tonnage & Speed	42.00	314.00	57.09	231.58		1,475	49.13
	Cushioning at Max Speed & Force	63.00		85.64	235.50		1,500	N/A
Ram vs Clamp Area-Open		Ram		Clamp	Ram as % of Clamp	Clamp as % of Ram		
Ram vs Clamp Area-Close								













