

PANDJIRIS®

#1 in Fixed Welding Automation
WELDING AUTOMATION SOLUTIONS



Manufactured in U.S.A.

PRODUCT BULLETIN FOR PANDJIRIS SEAMERS

NOVEMBER 2018

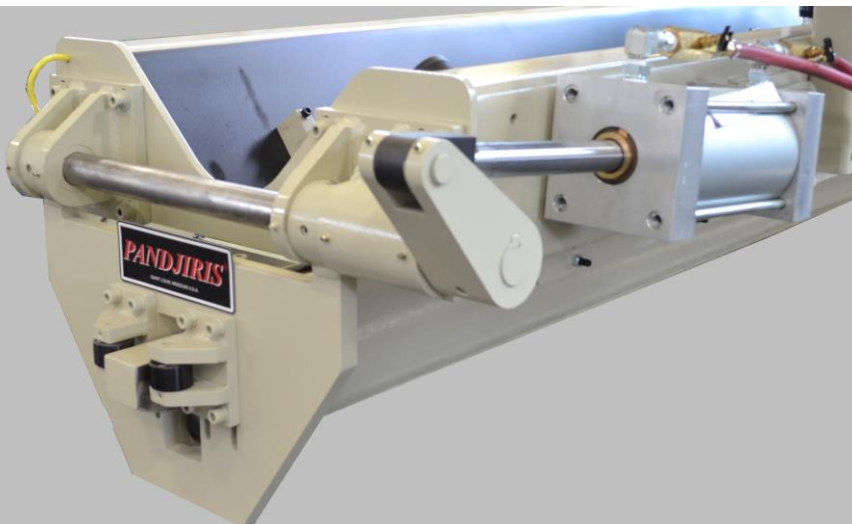
**PANDJIRIS IS YOUR SINGLE SOURCE
AUTOMATION SOLUTION FOR SEAMERS**

SYSTEM FEATURES

- Pandjiris Model 120E9-36 External Longitudinal Seamer – One sided welds for work pieces from 9” to 36” diameter and up to 120” long. Clamps from 0.02” to 0.375” thick materials.
- Pandjiris Model VSC-15-3 Carriage – 3 to 116 IPM Travel Speed
- Pandjiris EZ Link Series® Controller
- Pandjiris Model 21-M Manual Slide for Cross Seam Adjustment
- Pandjiris Model 61-AP Pneumatic Vertical Slide
- Copper Tipped Fingers
- Limit Switch/Return Home
- Weld Start/Stop Integration
- Power Cable Track for Carriage
- Copper Back Up Bar
- Pneumatic Powered End Latch
- Lincoln GMAW Package
- D/F Machine Water Cooled MIG Torch



**Contact Pandjiris’
Application Engineering
Department for
Automation Positioning
Solutions.**



PANDJIRIS® SEAMERS

PANDJIRIS STANDARD LONGITUDINAL SEAMERS ARE AVAILABLE as either external or internal/flat sheet models. They are specifically designed for making 100% penetration, single pass welds on cylinders and flat sheets while minimizing or eliminating heat distortion to the material.

Pandjiris manufactures Longitudinal Seamers from 24" to 710" weld lengths utilizing most weld processes.

Pandjiris' standard external seamers are cantilevered from one end to allow loading and unloading of cylinders and other closed sections requiring a longitudinal seam. Pandjiris seamers provide exceptional visibility around the weld head and work area.

Typical seamers are used to perform butt welds, but with slight modifications, certain corner joints and lap welds can also be welded efficiently such as cones and bowed shapes.



Model	Weld Length	Clamping Length	Workpiece Dimensions	Material Thickness	Overall Length	Overall Width	Overall Height	Mandrel Height	Approx. Shipping Weight
			EXTERNAL	SEAMERS					
24E3.5-30	24"	30"	3.5" ID to 30" OD	.020" TO 3/8"	73"	33-5/16"	65-1/16"	37"	2,400 lbs.
36E3.5-30	36"	42"	3.5" ID to 30" OD	.020" TO 3/8"	86"	33-5/16"	65-1/16"	37"	2,500 lbs.
48E4.2-30	48"	54"	4.2" ID to 30" OD	.020" TO 3/8"	98"	34-5/16"	65-7/16"	37"	2,800 lbs.
60E5.2-30	60"	66"	5.2" ID to 30" OD	.020" TO 3/8"	110"	34-5/16"	65-7/16"	37"	3,600 lbs.
72E6-36	72"	78"	6" ID to 36" OD	.020" TO 3/8"	122"	34-7/16"	71-7/16"	43"	4,000 lbs.
96E8-36	96"	102"	8" ID to 36" OD	.020" TO 3/8"	149"	34-7/16"	71-1/2"	43"	5,500 lbs.
120E9-36	120"	126"	9" ID to 36" OD	.020" TO 3/8"	168-1/4"	34-7/16"	73-7/16"	45"	6,500 lbs.
144E11-36	144"	150"	11" ID TO 36" OD	.020" TO 3/8"	192-1/4"	34-7/16"	73-7/16"	45"	8,500 lbs.
168E14-36	168"	174"	14" ID to 36" OD	.020" TO 3/8"	22' 2"	34-7/16"	73-7/16"	45"	9,750 lbs.
192E14-36	192"	198"	14" ID to 36" OD	.020" TO 3/8"	22' 6-1/2"	45-3/8"	81"	47-3/8"	11,000 lbs.
			INTERNAL	SEAMERS					
120-I50-FS	120"	126"	Min. 50" I.D.	.020" TO 3/8"	17' 7-1/4"	43"	59-9/16"	21-5/16"	9,450 lbs.
144-I50-FS	144"	150"	Min. 50" I.D.	.020" TO 3/8"	19' 7-1/4"	43"	59-9/16"	21-15/16"	10,450 lbs.
168-I50-FS	168"	174"	Min. 50" I.D.	.020" TO 3/8"	21' 7-1/4"	43"	59-9/16"	21-15/16"	11,780 lbs.
192-I50-FS	192"	198"	Min. 50" I.D.	.020" TO 3/8"	23' 9-3/4"	43"	60-1/16"	23-15/16"	13,865 lbs.
216-I50-FS	216"	222"	Min. 50" I.D.	.020" TO 3/8"	26' 1-1/4"	43"	60-1/16"	23-15/16"	15,950 lbs.
240-I50-FS	240"	246"	Min. 50" I.D.	.020" TO 3/8"	28' 1-1/4"	43"	60-1/16"	23-15/16"	17,500 lbs.

