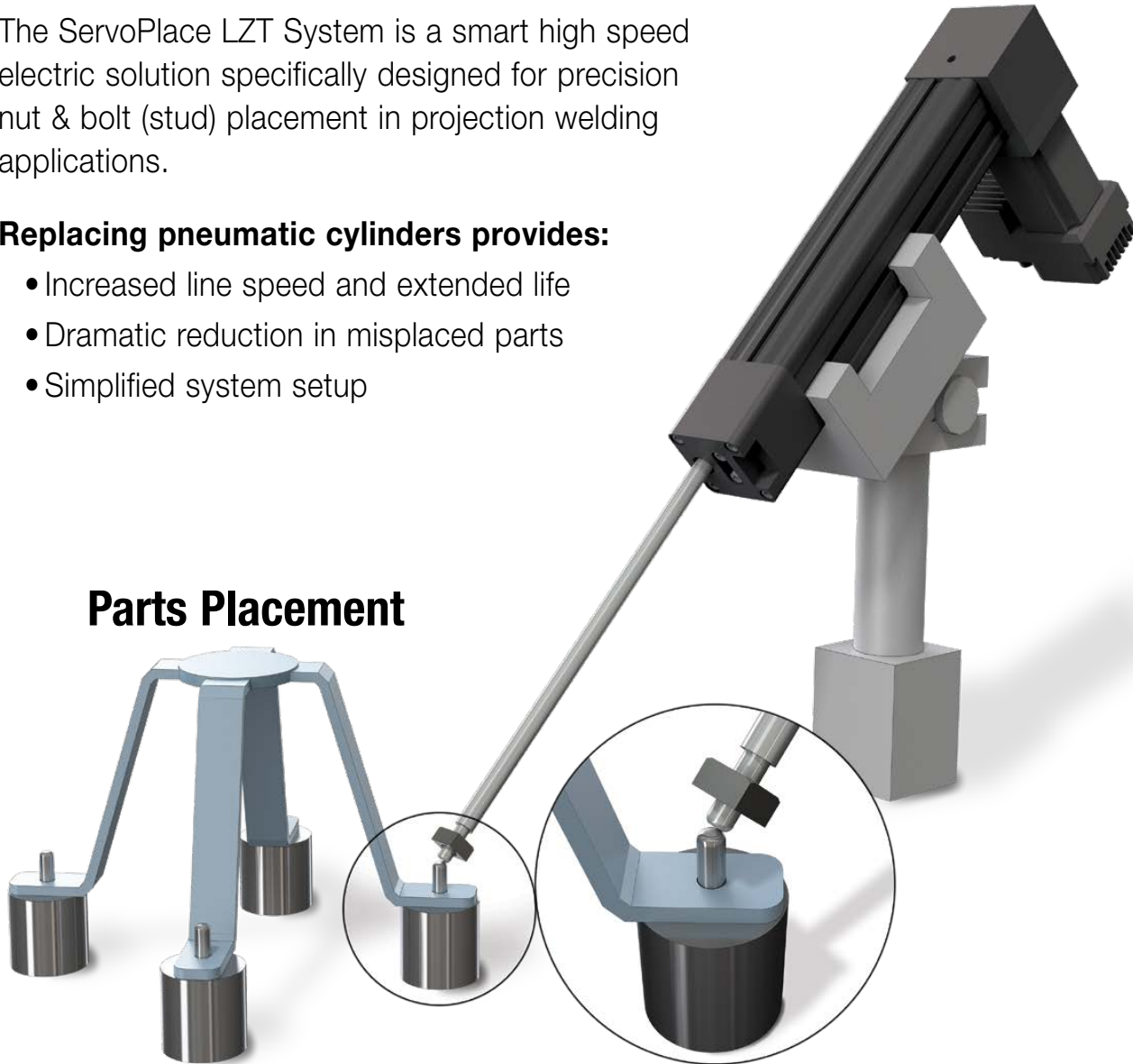


# SERVOPLACE™ LZT PRECISION NUT PLACEMENT

The ServoPlace LZT System is a smart high speed electric solution specifically designed for precision nut & bolt (stud) placement in projection welding applications.

## Replacing pneumatic cylinders provides:

- Increased line speed and extended life
- Dramatic reduction in misplaced parts
- Simplified system setup



## Parts Placement

Nut Placement Key Needs	Why?	Historic (Pneumatic)	ServoPlace™ LZT
<b>Accurate, Repeatable Nut Placement</b>	Dropped nuts require expensive rework time	Inconsistent nut delivery due to air fluctuation, leaks & simple "bang-bang" controls	Consistent nut delivery with compensating, smart servo-electric approach
<b>Simple Setup &amp; Operation</b>	Time consuming set-up, calibration and optimization of system	Manual adjustment of regulators & flow controls	Set-up through PLC via Ethernet Plug-N-Play
<b>Longer Efficient Life</b>	Frequent maintenance required to extend life	Maintain air hoses, compressor and seals	Maintenance free

# SERVOPLACE™ LZT PRECISION NUT PLACEMENT

## INTEGRATED SERVO MOTOR/ DRIVE/CONTROLLER

- IP65 ingress protection
- M12 connectors
- Dual Ethernet ports



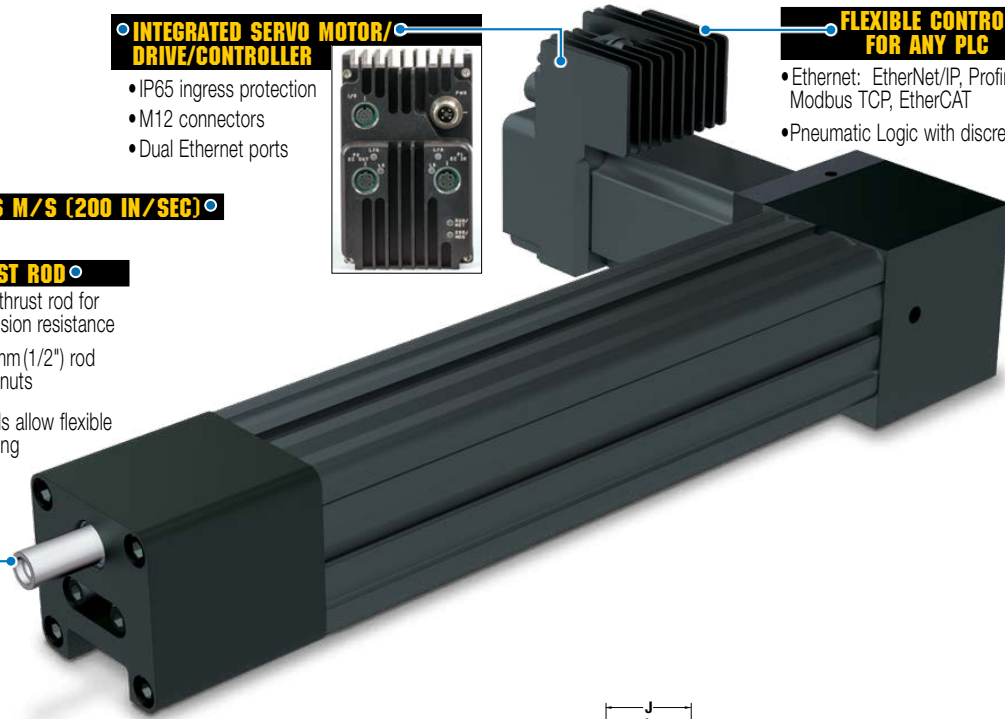
## FLEXIBLE CONTROL FOR ANY PLC

- Ethernet: EtherNet/IP, Profinet, Modbus TCP, EtherCAT
- Pneumatic Logic with discrete I/O

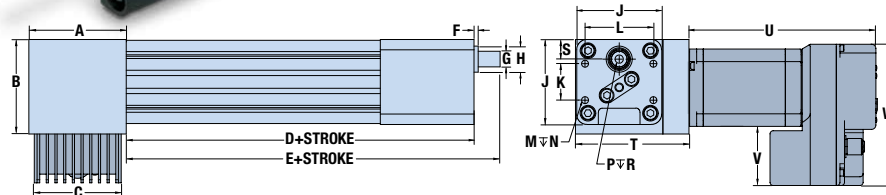
## SPEEDS UP TO 6 M/S (200 IN/SEC)

## STEEL THRUST ROD

- Case hardened steel thrust rod for high rigidity and corrosion resistance
- 9.5 mm (3/8") & 12.7 mm (1/2") rod diameters for various nuts
- Internal female threads allow flexible mounting for any tooling



## Dimensions



	24	32
A	59.4	73.2
B	57.7	75.2
C	63.5	63.5
D	95.9	126.4
E	111.8	142.2
F	2.5	2.5
G	∅ 9.512 9.500	∅ 12.687 12.675
H	∅ 15.88	∅ 22.23
J	51.8	64.5
K	22.23	30.00

	24	32
L	41.66	50.00
M	M5 x 0.8-6H	M5 x 0.8-6H
N	∇ 10.01 (4)	∇ 10.01 (4)
P	M6 x 1.0-6H	M8x1.25-6H
R	∇ 11.99	∇ 16.00
S	12.00	13.24
T	69.2	80.4
U	145.4	150.4
V	43.1	28.3
W	102.8	113.9

Dimensions in millimeters

	24	32
A	in 2.34	2.88
B	in 2.27	2.96
C	in 2.50	2.50
D	in 3.78	4.98
E	in 4.40	5.60
F	in 0.10	0.10
G	in 0.3745 0.3740	0.4995 0.4990
H	in 0.625	0.875
J	in 2.04	2.54
K	in 0.875	1.181

	24	32
L	in 1.640	1.969
M	mm M5 x 0.8-6H	M5 x 0.8-6H
N	in ∇ 0.394 (4)	∇ 0.394 (4)
P	mm M6 x 1.0-6H	M8x1.25-6H
R	in ∇ 0.472	∇ 0.630
S	in 0.473	0.600
T	in 2.73	3.17
U	in 5.73	5.92
V	in 1.70	1.11
W	in 4.05	4.49

Dimensions in inches



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