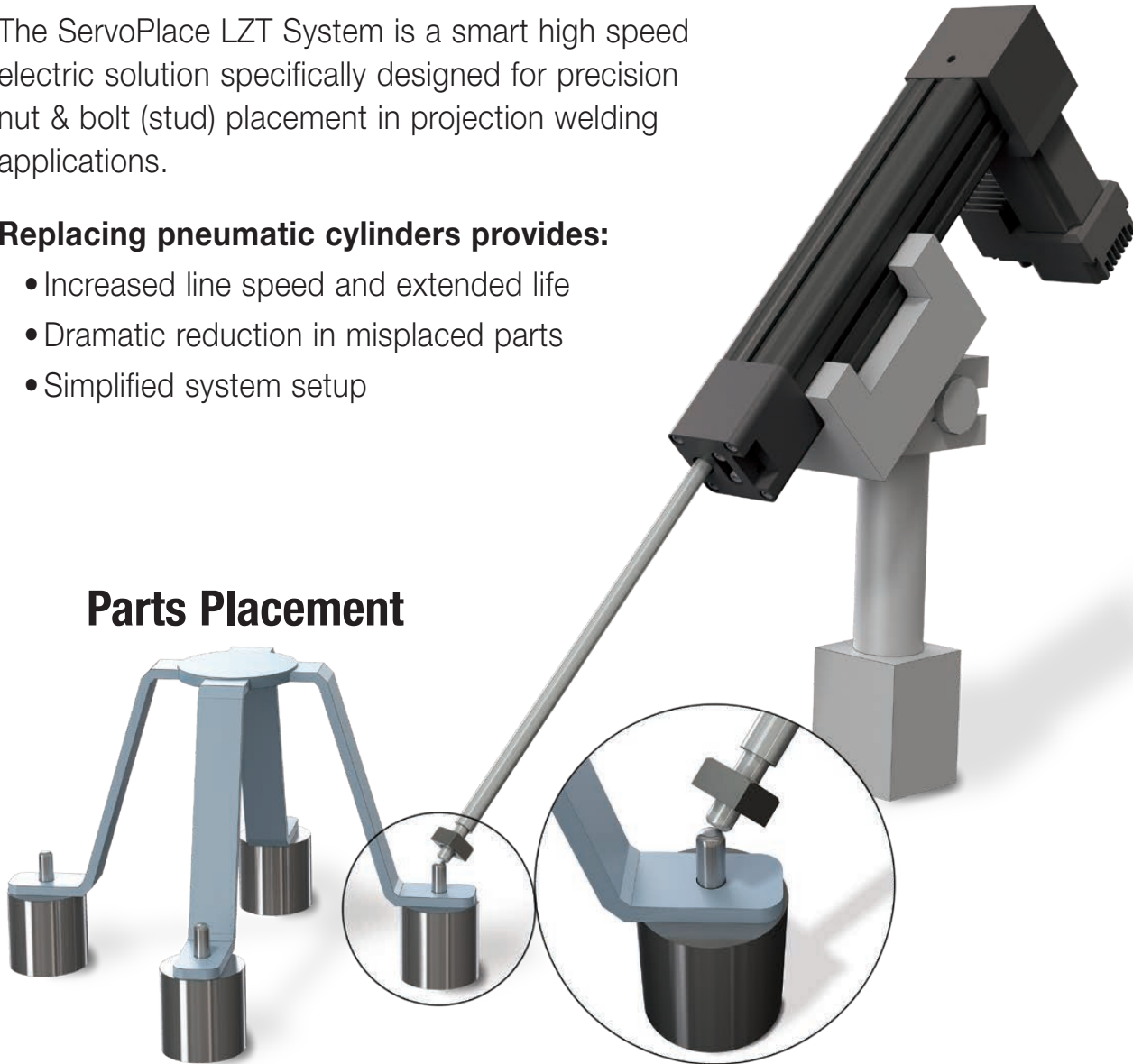


SERVOPLACETM LZT PRECISION NUT PLACEMENT

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 TM LZT
Accurate, Repeatable Nut Placement	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
Simple Setup & Operation	Time consuming set-up, calibration and optimization of system	Manual adjustment of regulators & flow controls	Set-up through PLC via Ethernet Plug-N-Play
Longer Efficient Life	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

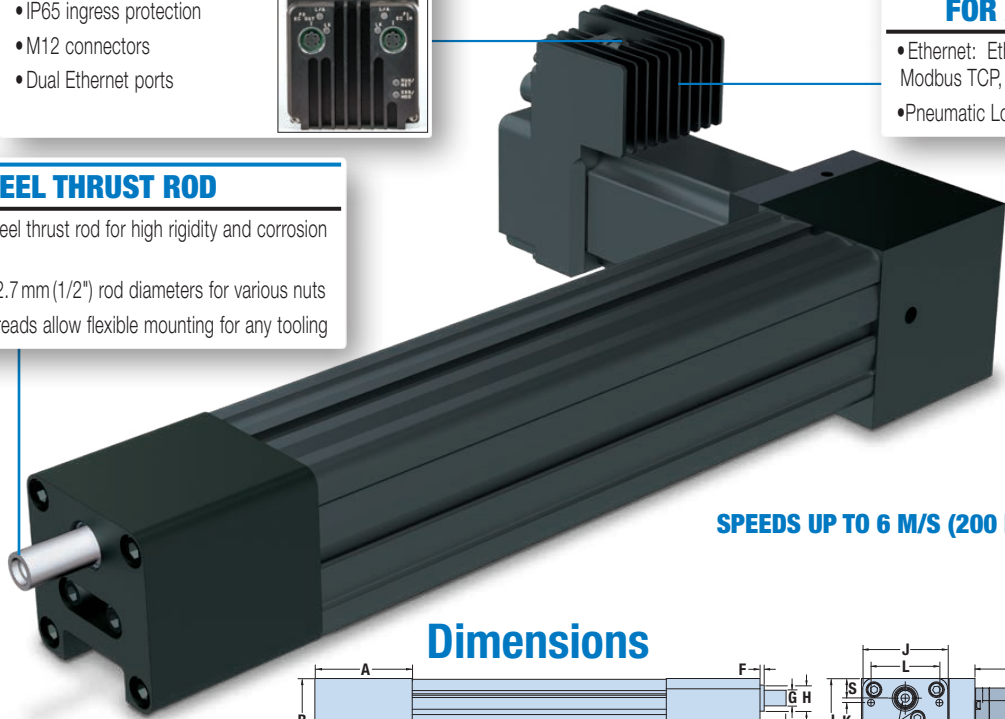


FLEXIBLE CONTROL FOR ANY PLC

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

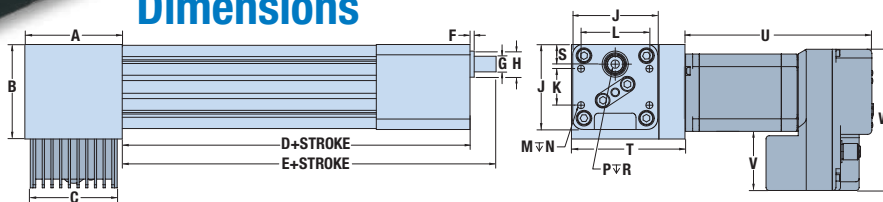
STEEL THRUST ROD

- 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



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

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

Tolomatic™

EXCELLENCE IN MOTION

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =
Certified site: Hamel, MN

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