



NUMATX

COMPRESSION RIVETING



COMPRESSION RIVETER - ALLIGATOR JAW TYPE

NXAS-21415-30 | NXAS-214225-22 | NXAS-21430-18 | NXAS-214-30 | NXAT-21415-60 | NXAT-214225-43 | NXAT-21430-34 | NXAT-214-60



OUR MODELS - SINGLE CYLINDER

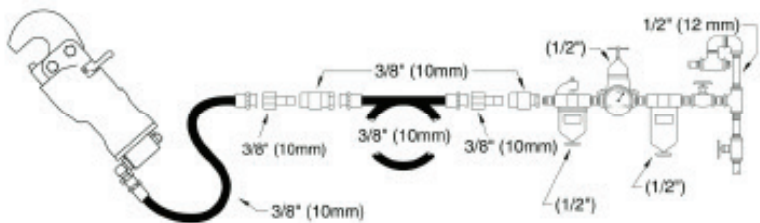
NXAS-21415-30 | NXAS-214225-22 | NXAS-21430-18 | NXAS-214-30 | NXAT-21415-60

OUR MODELS - TANDEM CYLINDER

NXAT-214225-43 | NXAT-21430-34 | NXAT-214-60

Model Number	Lower offset (mm)	Throat gap (mm)	Reach (mm)	Total Yoke Gap (mm)	Closed height (mm)	Max Compression Force (90 psi/6.2 bar)	Max Rivet Size Aluminium (mm)	Max. Rivet Size Steel (mm)	Length (mm)	Weight (kg)	Vibration (m/s ²)
NXAS-21415-30	5.5	38	38	41.275	22	1.36 T	3.2	2.4	233	1.7	<2.5
NXAS-214225-22	5.5	48	57	53.975	22	0.99 T	2.4	2.4	254	1.9	<2.5
NXAS-21430-18	5.5	54	76	53.975	22	0.81 T	2.4	1.6	273	2	<2.5
NXAS-214-30	Same power unit as NXAS21430-18 without yoke										
NXAT-21415-60	5.5	38	38	41.275	22	2.72 T	4.8	4	303	2.2	<2.5
NXAT-214225-43	5.5	48	57	53.975	22	1.94 T	4	3.2	324	2.4	<2.5
NXAT-21430-34	5.5	54	76	53.975	22	1.53 T	3.2	2.4	343	2.5	<2.5
NXAT-214-60	Same power unit as NXAT-21415-60 without yoke										

AIR SUPPLY CONNECTION



NUMATX

COMPRESSION RIVETER C YOKE TYPE

NXCS-21415-30 | NXCS-214-30 | NXCT-21415-60 | NXCT-214-60 | NXCT-21425-60

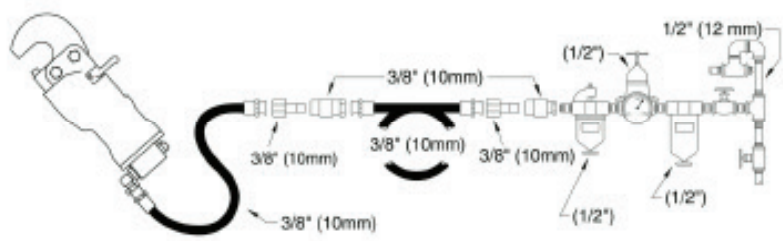


OUR MODELS - SINGLE CYLINDER
NXCS-21415-30 | NXCS-214-30

OUR MODELS - TANDEM CYLINDER
NXCT-21415-60 | NXCT-214-60 | NXCT-21425-60

Model Number	Lower offset (mm)	Throat gap (mm)	Reach (mm)	Total Yoke Gap (mm)	Closed height (mm)	Max Compression Force (90 psi/6.2 bar)	Max Rivet Size Aluminium (mm)	Max. Rivet Size Steel (mm)	Length (mm)	Weight (kg)	Vibration (m/s ²)
NXCS-21415-30	5	32	38	31.75	17.5	1.36 T	3.2	2.4	262	2	<2.5
NXCS-214-30	Same power unit as NXCS-21415-30 without yoke										
NXCT-21415-60	5	32	38	31.75	17.5	2.72 T	4.8	4.0	356	2.5	<2.5
NXCT-214-60	Same power unit as NXCT-21425-60 without yoke										
NXCT-21425-60	5	44	50.8	44.45	17.5	2.72 T	4.8	4.0	366	2.6	<2.5

AIR SUPPLY CONNECTION



COMPRESSION RIVETER

ALLIGATOR JAWS TYPE

NXAS-3512875-52 | NXAS-3515-34 | NXAS-3159125-30 | NXAT-3512875-10 | NXAT-3515-68 |
NXAT-3517-60 | NXAT-3519125-60



OUR MODELS - SINGLE CYLINDER

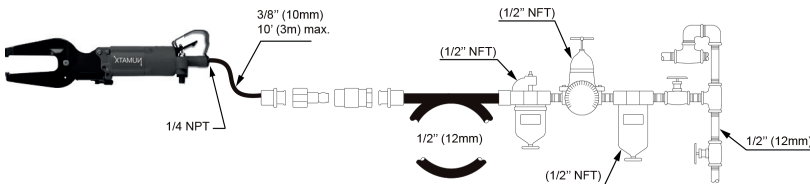
NXAS-3512875-52 | NXAS-3515-34 | NXAS-3519125-30

OUR MODELS - TANDEM CYLINDER

NXAT-3512875-10 | NXAT-3515-68 | NXAT-3517-60 | NXAT-3519125-60

Model Number	Lower offset (mm)	Throat gap (mm)	Reach (mm)	Total Yoke Gap (mm)	Closed height (mm)	Max Compression Force (90 psi/6.2 bar)	Max Rivet Size Aluminium (mm)	Max. Rivet Size Steel (mm)	Length (mm)	Weight (kg)	Vibration (m/s ²)
NXAS-3512875-52	5.5	38	73	41.275	22	2.35 T	4	3.2	495	7.1	<2.5
NXAS-3515-34	5.5	57	127	41.275	22	1.53 T	3.2	2.4	549	9	<2.5
NXAS-3519125-30	5.5	62	232	55.56	19	1.36 T	3.2	2.4	654	11.9	<2.5
NXAT-3512875-10	5.5	38	73	41.275	22	4.72 T	6.4	4.8	603	8.4	<2.5
NXAT-3515-68	5.5	57	127	41.275	22	3.08 T	4.8	4	657	10.2	<2.5
NXAT-3517-60	5.5	51	178	53.975	38	2.72 T	4.8	4	708	12.2	<2.5
NXAT-3519125-60	5.5	56	232	55.56	19	2.72 T	4.8	4	762	13.2	<2.5

AIR SUPPLY CONNECTION



COMPRESSION RIVETER

C YOKE TYPE

NXCS-35I2I25-60 | NXCS-35I-60 | NXCT-35I2I25-I2



OUR MODELS - SINGLE CYLINDER

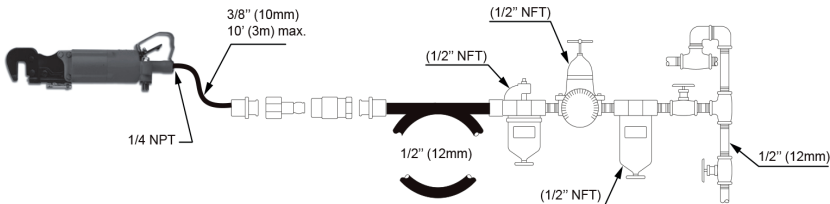
NXCS-35I2I25-60 | NXCS-35I-60

OUR MODELS - TANDEM CYLINDER

NXCT-35I2I25-I2

Model Number	Lower offset (mm)	Throat gap (mm)	Reach (mm)	Total Yoke Gap (mm)	Closed height (mm)	Max Compression Force (90 psi/6.2 bar)	Max Rivet Size Aluminium (mm)	Max. Rivet Size Steel (mm)	Length (mm)	Weight (kg)	Vibration (m/s²)
NXCS-35I2I25-60	5.5	39	54	29.36	20	2.72 T	4.8	4	445	5.7	<2.5
NXCS-35I-60	Same power unit as NXCS-35I2I25-60 without yoke										
NSCT-35I2I25-12	5.5	29	54	29.36	20	5.44 T	6.4	5.6	552	6.9	<2.5

AIR SUPPLY CONNECTION



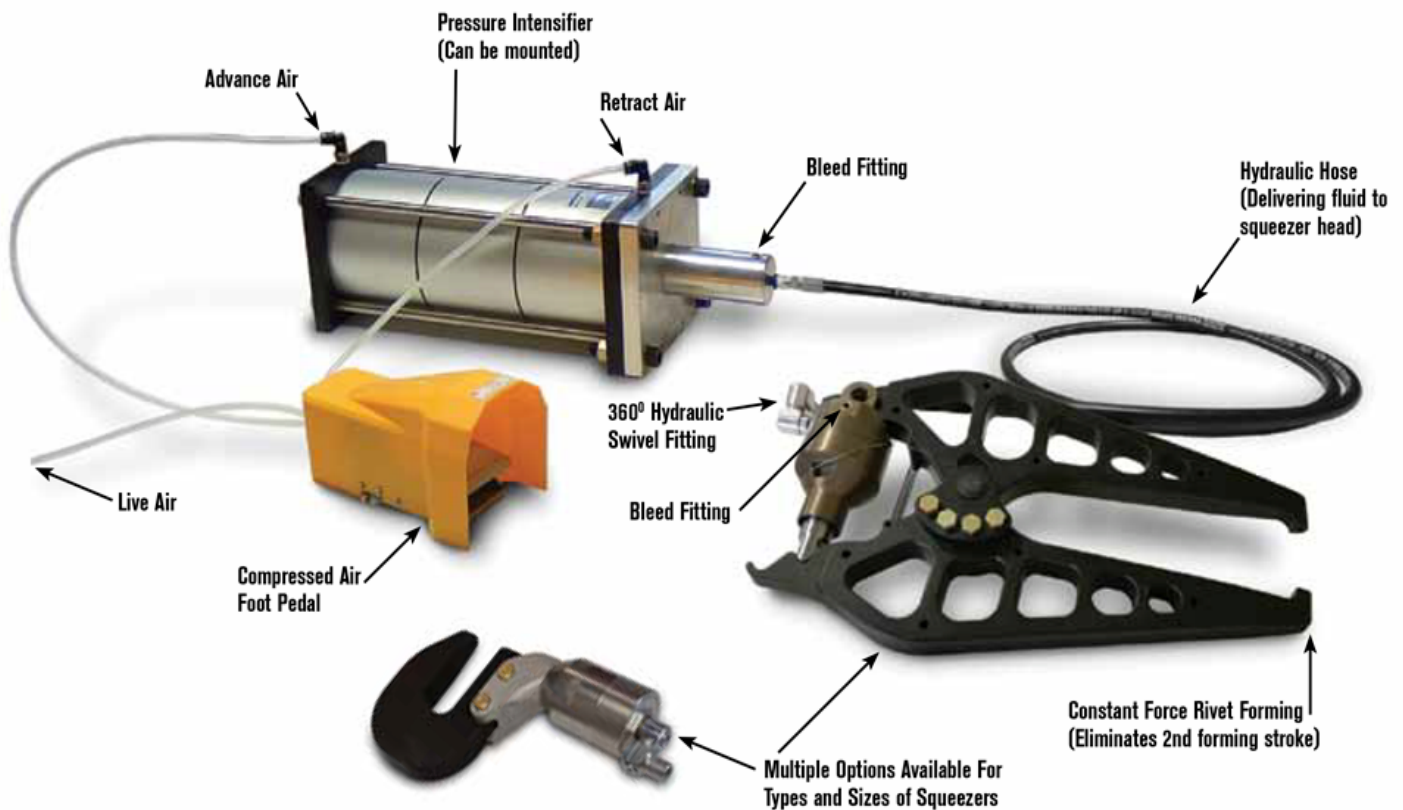
Numatx Pneudraulic Riveter System

Numatx patented pneudraulic riveting system sets a new standard in aerospace and industrial compression riveting.

Numatx commercial riveters offer great ergonomic advantages in comparison to air only powered compression riveters. They are smaller, lighter, quieter and more versatile for ease of operator use.

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Numatx distinct ergonomic advantages along with feathering control and constant force throughout the entire stroke, sets a new standard in rivet forming and operator productivity.



***See Numatx squeezer demonstrations
@ www.hy-techinc.com/compression-riveting***

Numatx Riveting Systems Specifications



C - SQUEEZERS

Models	Force Lbf / KN	Weight (lb / kg) w/o yoke	Weight (lb / kg) w/ 3" (76.2mm) yoke	Stroke (in / mm)	Hydraulic Fluid Displacement (cc)	Minimum Req. Intensifier
NXC-4	3600 / 16.0	1.3 / 0.58	2.5 / 1.1	0.55 / 13.97	9.0	NXI-20
NXC-6	6445 / 28.6	1.7 / 0.77	6.4 / 2.9	0.55 / 13.97	15.9	NXI-40
NXC-9	8790 / 39.1	2.6 / 1.17	7.3 / 3.3	0.55 / 13.97	21.7	NXI-40

All C-Squeezers accept industry standard CP-214 yokes.

All Yokes accept rivet dies with 3/16" (0.187") or 5mm shanks. Must be specified at time of order.



ALLIGATOR - SQUEEZERS

Models	Force (Lbf / KN)	Reach (in / mm)	Weight (lb / kg)	Jaw Tip Gap Closed (in / mm)	Jaw Tip Gap Open (in / mm)	Jaw Tip Gap Extended (in / mm)	Hydraulic Fluid Displacement (cc)	Minimum Req. Intensifier
NXA-6	10100 / 44.9	6.0 / 152.4	13.8 / 6.2	1.38 / 35.05	2.05 / 52.0	2.81 / 71.4	32.7	NXI-60
NXA-8	7862 / 34.9	8.0 / 203.2	15.7 / 7.1	1.38 / 35.05	2.25 / 57.2	3.23 / 82.0	32.7	NXI-60
NXA-10	6416 / 28.5	10.0 / 254	18.3 / 8.3	1.38 / 35.05	2.45 / 62.2	3.65 / 92.7	32.7	NXI-60
NXA-14	6416 / 28.5	14.0 / 355.6	25.6 / 11.6	1.38 / 35.05	2.45 / 62.2	3.65 / 92.7	32.7	NXI-60

Alligator tip gaps are without dies installed.

All Jaws accept rivet dies with 3/16" (0.187") or 5mm shanks. Must be specified at time of order.



PRESSURE INTENSIFIERS

Models	Displacement (cc)	Displacement (in³)	Hydraulic Pressure @ 80 psig / 5.5 bar (psig / bar)	Weight (lb / kg)	Length (in / cm)	Fluid Outlet Port
NXI-20	20	1.22	3680 / 253.7	19.0 / 8.6	11.0 / 27.9	1/8-27 NPT
NXI-40	40	2.45	3680 / 253.7	21.2 / 9.6	15.0 / 38.1	1/8-27 NPT
NXI-60	60	3.68	3680 / 253.7	23.4 / 10.6	19.0 / 48.3	1/8-27 NPT

Intensifiers are available with optional mountings - carry handles or mobile transport cart.

NOTE: Maximum air pressure 90-psig (6.2 bar).

Numatx Riveting Systems Specifications

C - SQUEEZER SYSTEMS

System Models	Squeezer Head	Pressure Intensifier	Squeeze Force (Lbf / KN)	Capacity Alum. / Steel - (in / mm)*	Yoke Reach (in / mm)	Yoke Gap (in / mm)	Air Pressure (psig / bar)	Hydraulic Pressure (psig / bar)
NXS-C4K0	NXC-4	NXI-20	3600 / 16.0	5/32 / 1/8 - 3.96 / 3.17	N/A	N/A	80 / 5.5	3680 / 253.7
NXS-C4K15	NXC-4	NXI-20	3600 / 16.0	5/32 / 1/8 - 3.96 / 3.17	1.5 / 38.1	1.5 / 38.1	80 / 5.5	3680 / 253.7
NXS-C4K3	NXC-4	NXI-20	3600 / 16.0	5/32 / 1/8 - 3.96 / 3.17	3.0 / 76.2	1.5 / 38.1	80 / 5.5	3680 / 253.7
NXS-C4K4	NXC-4	NXI-20	3600 / 16.0	5/32 / 1/8 - 3.96 / 3.17	4.0 / 101.6	1.5 / 38.1	80 / 5.5	3680 / 253.7
NXS-C6K0	NXC-6	NXI-40	6445 / 28.6	3/16 / 5/32 - 4.76 / 3.96	N/A	N/A	80 / 5.5	3680 / 253.7
NXS-C6K2	NXC-6	NXI-40	6445 / 28.6	3/16 / 5/32 - 4.76 / 3.96	2.0 / 50.8	1.5 / 38.1	80 / 5.5	3680 / 253.7
NXS-C6K3	NXC-6	NXI-40	6445 / 28.6	3/16 / 5/32 - 4.76 / 3.96	3.0 / 76.2	1.5 / 38.1	80 / 5.5	3680 / 253.7
NXS-C6K4	NXC-6	NXI-40	6445 / 28.6	3/16 / 5/32 - 4.76 / 3.96	4.0 / 101.6	1.5 / 38.1	80 / 5.5	3680 / 253.7
NXS-C9K0	NXC-9	NXI-40	8790 / 39.1	1/4 / 3/16 - 6.35 / 4.76	N/A	N/A	80 / 5.5	3680 / 253.7
NXS-C9K2	NXC-9	NXI-40	8790 / 39.1	1/4 / 3/16 - 6.35 / 4.76	2.0 / 50.8	1.5 / 38.1	80 / 5.5	3680 / 253.7
NXS-C9K3	NXC-9	NXI-40	8790 / 39.1	1/4 / 3/16 - 6.35 / 4.76	3.0 / 76.2	1.5 / 38.1	80 / 5.5	3680 / 253.7
NXS-C9K4	NXC-9	NXI-40	8790 / 39.1	1/4 / 3/16 - 6.35 / 4.76	4.0 / 101.6	1.5 / 38.1	80 / 5.5	3680 / 253.7

* NOTE: General Guideline Only

Contact customer service at number below for other yoke options, price and availability.

"O" Models (NXS-C3K0, -C6K0 and -C9K0) are without a yoke.

All C-Squeezers accept industry standard CP-214 yokes.

All Yokes accept rivet dies with 3/16" (0.187") or 5mm shanks. Must be specified at time of order.

ALLIGATOR SQUEEZER SYSTEMS

System Models	Squeezer Head	Pressure Intensifier	Squeeze Force (Lbf / KN)	Capacity Alum. / Steel - (in / mm)*	Reach (in / mm)	Jaw Tip Gap Closed (in / mm)	Air Pressure (psig / bar)	Hydraulic Pressure (psig / bar)
NXS-A6	NXA-6	NXI-60	10100 / 44.9	1/4 / 3/16 - 6.35 / 4.76	6.0 / 152.4	1.38 / 35.05	80 / 5.5	3680 / 253.7
NXS-A8	NXA-8	NXI-60	7862 / 34.9	1/4 / 3/16 - 6.35 / 4.76	8.0 / 203.2	1.38 / 35.05	80 / 5.5	3680 / 253.7
NXS-A10	NXA-10	NXI-60	6416 / 28.5	3/16 / 5/32 - 4.76 / 3.96	10.0 / 254.0	1.38 / 35.05	80 / 5.5	3680 / 253.7
NXS-A14	NXA-14	NXI-60	6416 / 28.5	3/16 / 5/32 - 4.76 / 3.96	14.0 / 355.6	1.38 / 35.05	80 / 5.5	3680 / 253.7

* NOTE: General Guideline Only

Contact Customer Service at number below for non-standard jaw options, price and availability.

All Jaws accept rivet dies with 3/16" (0.187") or 5mm shanks. Must be specified at time of order.

YOKES - STANDARD AND HEAVY DUTY

Yoke Models	Duty Class	Yoke Reach (in / mm)	Yoke Gap (in / mm)	Yoke Thickness (in / mm)	Rivet Die Shank Diameter (in / mm)
NXY-C15	Standard	1.5 / 38.1	1.5 / 38.1	0.56 / 14.2	3/16 / 5.0
NXY-L25	Standard	2.5 / 63.5	1.5 / 38.1	0.56 / 14.2	3/16 / 5.0
NXY-C30	Standard	3.0 / 76.2	1.5 / 38.1	0.56 / 14.2	3/16 / 5.0
NXY-C40	Standard	4.0 / 101.6	1.5 / 38.1	0.56 / 14.2	3/16 / 5.0
NXY-C1HD	Heavy Duty	1.5 / 38.1	1.5 / 38.1	1.0 / 25.4	3/16 / 5.0
NXY-C2HD	Heavy Duty	2.0 / 50.8	1.5 / 38.1	1.0 / 25.4	3/16 / 5.0
NXY-C3HD	Heavy Duty	3.0 / 76.2	1.5 / 38.1	1.0 / 25.4	3/16 / 5.0
NXY-C3G2HD	Heavy Duty	3.0 / 76.2	2.0 / 50.8	1.0 / 25.4	3/16 / 5.0
NXY-C4HD	Heavy Duty	4.0 / 101.6	1.5 / 38.1	1.0 / 25.4	3/16 / 5.0

All Yokes accept rivet dies with 3/16" (0.187") or 5mm shanks. Must be specified at time of order.

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HYDRAULIC CORDLESS C-SQUEEZER
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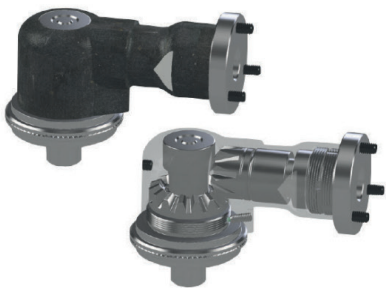
Hand-held & Walk-behind



Oil & Gas and Construction Market

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Oil & Gas and Construction Market

Custom Gearboxes

Right angle spiral bevel



Transportation Market

Custom Compression Riveting System

Truck Trailer Industry



Industries Served

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Refineries

Turnarounds and maintenance activities

Power Generation

Outages and maintenance activities

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Construction

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Rail

Locomotive & track maintenance, rail car build & repair

Heavy Manufacturing

Maintenance & production

Shipbuilding & Repairs

Production & maintenance

Mining

Heavy equipment service

Power Transmission

Multitude of gear related requirements

Tool & Machine Equipment Builders

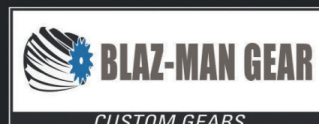
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