

LIGHTNIN air drives

XJA & XDA Series

They operate wherever compressed air is available. On vehicles, in the field, in lab or factory.

Lightnin air-driven mixers are safe for use in flammable or explosive environments. No heat build-up. Motor operates spark free.

Speeds can be varied by means of the air control valve. Impossible to burn out the motor, even with a stalling overload. Light weight makes for easy handling.

For application guidelines for high flow and high shear units, see page 26 on electric mixers, or call your Lightnin representative.

Clamp may be replaced by cup mounting plate. See pages 8 and 11. Also available on fixed mounts.



No electricity. Safe for use in hazardous environments. Both gear drive and direct drive units available.

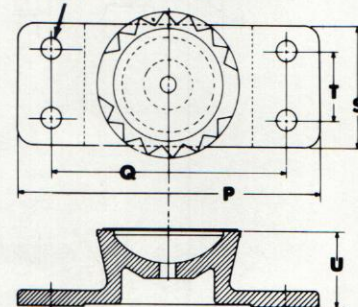
AIR PRESSURE / AIR CONSUMPTION GUIDE

Model HP	PSIG	CFM (Free Air)
1/3	60	15
1	85	30
3	70	96



Air driven unit mixes volatile corrosives. Operation is safe with spark-free air motor.

11/16 DIA. MT'G. HOLES



OPTIONAL CUP PLATE

LIGHTNIN AIR DRIVE MIXERS

Model	Drive	HP	Max. Wt. Lbs.	B	C [▲]	D [▲]	F	G	J	N	P	Q	S	T	U	W	X	Y	Z
XJA33	Gear	1/3	41	15	32 1/8	36	5	3	8	2 3/8	9	7	3 1/2	2	2 1/4	3 3/8	2 3/8	5 1/16	3/8
XJA100	Gear	1	55	16	43 3/8	48	5 1/2	3 3/4	8 1/4	1 1/2	10	8 1/2	3 3/8	2	2 7/16	3 1/2	2 7/8	5 3/4	3/8
XJA300	Gear	3	104	20 1/4	55 3/8	60	6 1/2	3 3/4	10 1/4	—	10	8 1/2	4	2 1/2	2 9/16	4 3/16	3 1/4	6 7/8	1/2
XDA33	Direct	1/3	30	13 5/8	31 1/4	36	4	3	8	2 3/8	9	7	3 1/2	2	2 1/4	3 3/8	2 3/8	5 1/16	3/8
XDA100	Direct	1	56	14 3/4	42 1/2	48	4	3 3/4	8 1/4	1 1/2	10	8 1/2	3 3/8	2	2 7/16	3 1/2	2 7/8	5 3/4	3/8
XDA300	Direct	3	72	17	54	60	5	3 3/4	10 1/4	—	10	8 1/2	4	2 1/2	2 9/16	4 3/16	3 1/4	6 7/8	1/2

▲Dimensions C and D reflect standard lengths provided unless otherwise specified. All dimensions in inches

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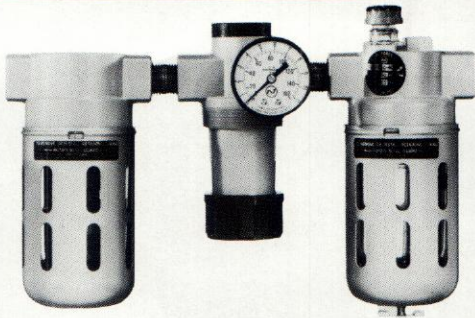
www.bid-on-equipment.com

CLAMP
MOUNT

Packaging - Processing
Bid on Equipment

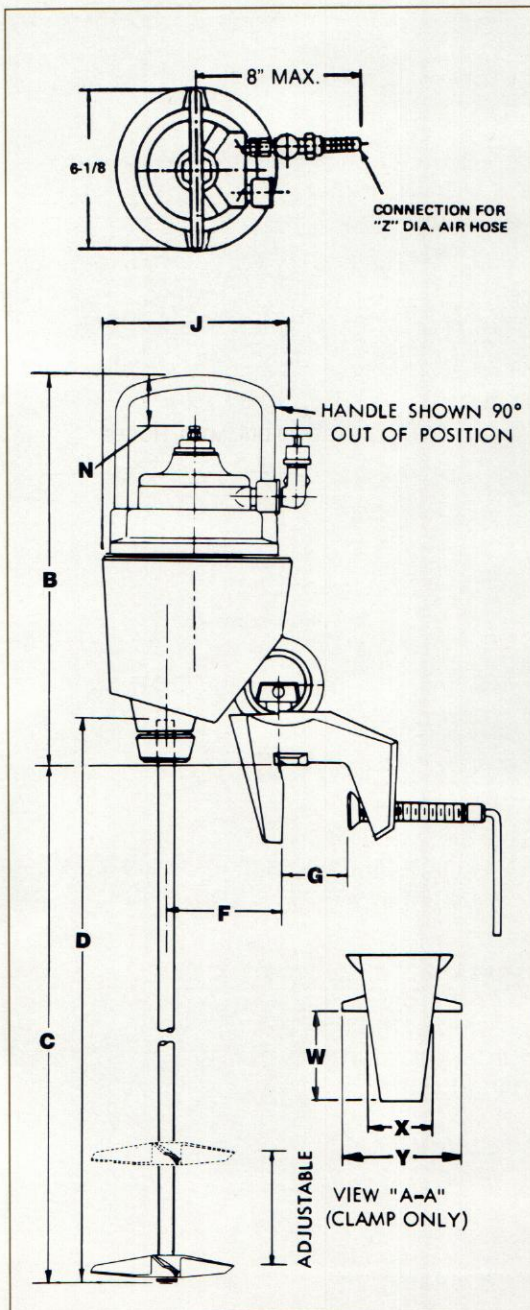
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Optional air line lubrication system filters air supply, regulates pressure and automatically adds oil to lubricate mixer motor. Recommended to extend mixer life.

XJA & XDA Series



LIGHTNIN USDA accepted mixer



USDA ACCEPTED.

Stainless and electroless nickel finishes resist acids, detergents, sanitizers. Smooth surfaces are free of crevices for easy clean-up. Accepted by USDA. Designed especially for use where sanitary conditions must be maintained.

Available with both electric and air driven motors. Electric motor is totally enclosed, non-ventilated. Air motor is electroless nickel plated. Each impeller is welded to the shaft, and all hardware is captive. Chuck and clamp assemblies incorporate all the features of standard portable mixers.

OTHER MIXERS FOR FOOD AND DRUGS.

Most of the Lightnin mixers shown in this catalog are in use mixing food and pharmaceuticals. Where desired, a special electroless nickel finish can be substituted for paint. Various materials may be substituted for standard impellers and shafts, as the application requires.



Gear driven food, meat, and drug mixers gently mix sensitive ingredients. Direct drives are recommended when high shear is required.

USDA ACCEPTED MIXERS

Model	Drive	HP	Weight	Motor
UNS-1	Direct	1/3	70	Electric
UNS-3	Direct	3/4	90	Electric
UND-1	Gear	1/3	80	Electric
UND-2A	Gear	3/4	105	Electric
UNAR-33	Direct	1/3	30	Air
UNAR-100	Direct	1	56	Air
UNAG-33	Gear	1/3	41	Air
UNAG-100	Gear	1	55	Air

CLAMP MOUNT