

Articulating Arm Features

Jomat Industries' line of articulating arms integrates function and safety, designed to be both visually and economically appealing. Semi-modular designs with interchangeable parts improve delivery time as well as service and maintenance requirements. It also allows easy selection of arm parameters based on

specific applications. Available options may be added to the basic arms to further enhance the desired function. The extensive reach and load capacity of each consecutive arm series provides a family of products that will accommodate almost any application.



AS2 Series model shown without brakes.

DESIGN FEATURES

- SEMI-MODULAR DESIGN WITH INTERCHANGABLE PARTS
- HARDENED & GROUND SHAFTS
- GREASE FITTINGS ON ALL ROLLER ELEMENT BEARINGS
- EXTERNAL BEARING CAP ASSEMBLIES
- DUAL AXIS LEVELING ADJUSTERS†
- GREATER THAN 1:1 PARALLEL ARM TO VERTICAL TRAVEL
- ZERO-GRAVITY BALANCE PACKAGE
- 360 DEGREE ROTATION MAIN AND END PIVOTS
- 165 DEGREE ROTATION SECONDARY PIVOT
- ADJUSTABLE HARD STOPS FOR SECONDARY PIVOT
- LOW FRICTION CYLINDER
- SWIVEL AIR SUPPLY FITTING
- LIMITLESS MOUNTING OPTIONS

SAFETY FEATURES

- SAFETY WIRE ON ALL SCREWS
- DUAL KEEPERS ON ALL SHAFTS

OPTIONAL FEATURES

- PIVOT BRAKES†
- METRIC CONVERSION

† May not apply to all arm models.

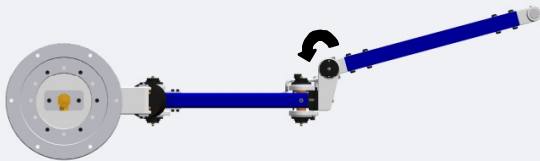
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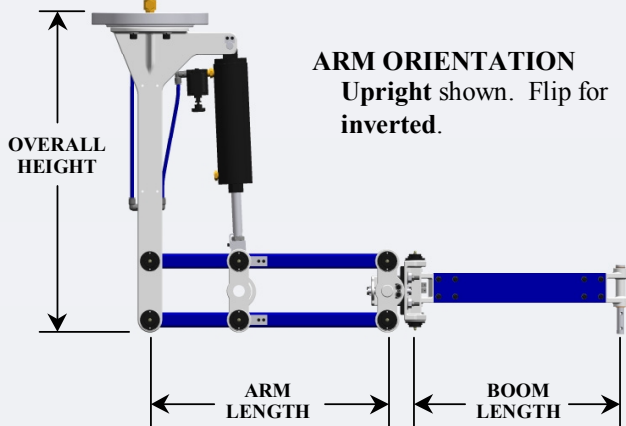
Our address has changed.
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Model Selection Sheet

ARM ROTATION
Left hand shown.
Mirror for right hand.



ARM ORIENTATION
Upright shown. Flip for inverted.



EXAMPLE: Model number for a 50# capacity arm with 36 inch long arms, 24 inch long boom, no brakes operating in an upright position with the boom swinging to the left hand side (as shown in the diagram above). Model #AS23624-000-UL.

MAIN BRACKET¹

S = standard profile
L = low profile

ARM CAPACITY²

1 = 25# capacity
2 = 50# capacity
3 = 150# capacity
4 = 300# capacity

ARM LENGTHS³

Standard lengths shown in table.
NOTE: The arm lengths must be greater than or equal to the boom length.

BOOM LENGTH³

Standard lengths shown in table.
NOTE: The boom length must be less than or equal to the arm lengths.

BRAKE OPTIONS⁴

000 = no brakes
001 = end brake only
010 = secondary brake only
100 = main brake only
011 = secondary & end brakes
110 = main & secondary brakes
111 = main, secondary & end brakes

ARM ORIENTATION

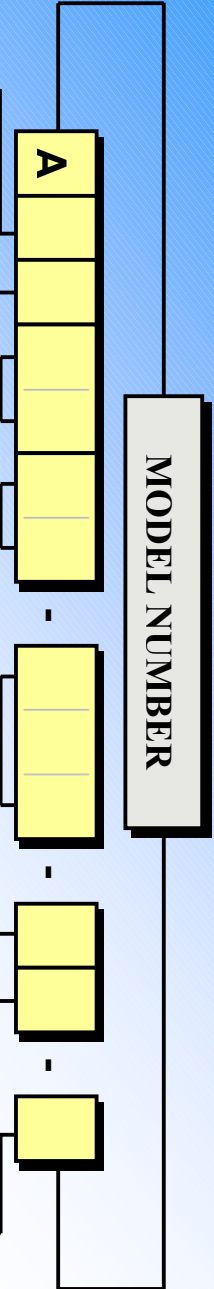
I = inverted
U = upright

ARM ROTATION⁵

L = left
R = right

METRIC CONVERSION

M = metric fasteners



| ARM SERIES | BASIC ² LOAD RATING | | TORQUE RATING | | ARM & BOOM LENGTHS | | | | | OVERALL HEIGHT | | VERTICAL TRAVEL ⁶ Number x Arm Length | |
|------------|--------------------------------|--------------------|--------------------|-------|--------------------|-------|-------|-------|-------|----------------|-------------|---|-------------|
| | lb _r | lb _r ft | lb _r ft | Nm | 18 in | 24 in | 30 in | 36 in | 48 in | Standard | Low Profile | Standard | Low Profile |
| AS1 Series | 25 | 40 | 50 | 50 | Y | Y | Y | Y | - | call | - | call | - |
| AS2 Series | 50 | 150 | 200 | 200 | Y | Y | Y | Y | - | 32 ½ in | - | 0.8888 | - |
| AS3 Series | 150 | 550 | 750 | 750 | - | Y | - | Y | Y | 44 ½ in | 35 ½ in | 1.1666 | 0.6691 |
| AS4 Series | 300 | 740 | 1,000 | 1,000 | - | Y | - | Y | - | 48 ½ in | 39 ½ in | 1.0000 | 0.5738 |

¹ Low profile is not available for all models. Please see table for availability. ² Arm capacity is a basic load rating for an arm with an overall length of 6 feet (8 feet for AS3 models only). ³ Custom arm and boom lengths are available upon request. ⁴ Brakes are not available for AS1 models. ⁵ Arm rotation is based on the arm in the upright position. ⁶ For more detailed dimensional information please contact us.