RIMROCK MULTI-LINK LADLE

DIE CASTING/FOUNDRY SYSTEMS







Renders are for reference only

Rimrock® multi-link ladles are pre-engineered solutions designed to deliver precise, repeatable molten metal pouring while helping improve process safety, metal flow quality, and overall system reliability. Equipped with a servo-driven arm linkage and pour shaft, these ladles support a wide range of pour weights and stroke configurations to meet the demands of modern casting environments.

KEY FEATURES

- Pour-forward motion control
- Fully programmable stroke, speeds, and positions
- Real-time motor feedback
- Integrated metal-level and high-level probes
- Metal buildup detection on probes
- Allen-Bradley® K5500 servo drive controls
- Recipe transfer via USB
- Configurable operator- or helper-side mounting to suit cell layout requirements
- Fully adjustable standard mounting base for simplified installation and alignment

BENEFITS

- Safer work zone than manual pouring
- Ease of use and reliability
- Reduced turbulence and oxidation
- Reduced downtime

OPTIONS AVAILABLE

- Ceramic metal level probe
- Sealed pour shaft and arm
- Custom mounting pedestals and bases
- 3D layout verification
- Ceramic or iron ladle cups

INDUSTRIES

- Die casting
- General foundry

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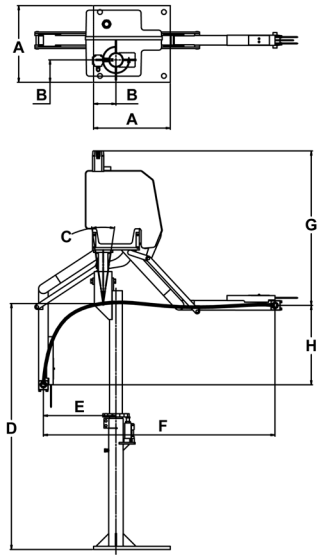
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305-70 305-80 405-70 405-80 305HD-80 305HD-100

Part Number	Model	Total Payload	Horizontal Stroke	Vertical Stroke
AD2494-40	305-70	29.48 kg [65 lbs.]	1778 mm [70 in]	635.0 mm [25 in]
	305-80	22.68 kg [50 lbs.]	2032 mm [80 in]	762.0 mm [30 in]
	405-70	34.02 kg [75 lbs.]	1778 mm [70 in]	711.2 mm [28 in]
	405-80	29.48 kg [65 lbs.]	2032 mm [80 in]	838.2 mm [33 in]
	305HD-80	45.36 kg [100 lbs.]	2032 mm [80 in]	914.4 mm [36 in]
	405HD-100	36.29 kg [80 lbs.]	2540 mm [100 in]	1143.0 mm [45 in]

Note: Total payload includes the weight of the ladle cup, mounting brackets, and metal being poured.



PRODUCT SPECIFICATIONS

Series	A	B	C	D	E	F	G	H
305-70	609.6 mm [24.00 in]	177.8 mm [7.00 in]	±8.5°	1447.8 mm [57.00 in] to 1549.4 mm [61.00 in]	576.6 mm [22.70 in] to 779.8 mm [30.70 in]	1778.0 mm [70.00 in]	1231.9 mm [48.50 in]	635.0 mm [25.00 in]
305-80	609.6 mm [24.00 in]	177.8 mm [7.00 in]	±8.5°	1447.8 mm [57.00 in] to 1549.4 mm [61.00 in]	754.4 mm [29.70 in] to 939.8 mm [37.70 in]	2032.0 mm [80.00 in]	1346.2 mm [53.00 in]	762.0 mm [30.00 in]
405-70	609.6 mm [24.00 in]	228.6 mm [9.00 in]	±8.5°	1657.4 mm [65.25 in] to 1759.0 mm [69.25 in]	569.0 mm [22.40 in] to 772.2 mm [30.40 in]	1778.0 mm [70.00 in]	1244.6 mm [49.00 in]	711.2 mm [28.00 in]
405-80	609.6 mm [24.00 in]	228.6 mm [9.00 in]	±8.5°	1657.4 mm [65.25 in] to 1759.0 mm [69.25 in]	696.0 mm [27.40 in] to 899.2 mm [35.40 in]	2032.0 mm [80.00 in]	1346.2 mm [53.00 in]	838.2 mm [33.00 in]
305HD-80	914.4 mm [36.00 in]	304.8 mm [12.00 in]	±8°	2463.8 mm [97.00 in] to 2844.8 mm [112.00 in]	754.4 mm [29.70 in] to 939.8 mm [37.70 in]	2032.0 mm [80.00 in]	1574.8 mm [62.00 in]	914.4 mm [36.00 in]
305HD-100	914.4 mm [36.00 in]	304.8 mm [12.00 in]	±8°	2463.8 mm [97.00 in] to 2844.8 mm [112.00 in]	726.4 mm [28.60 in] to 929.6 mm [36.60 in]	2540.0 mm [100.00 in]	1739.9 mm [68.50 in]	1143.0 mm [45.00 in]

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