

410 Servo Drive Reciprocator

Die Casting

Safe, Fast & Accurate Spraying

Rimrock's 410 Servo-Drive Reciprocator offers consistency, quality and safety for today's die casters. Our cost-effective reciprocator's closed loop servo system provides precise and fast machine movement. The unique linkage design guides the spray manifold through virtually a straight-line path in the die area. In effect, this keeps the nozzles at a constant distance from the die faces assuring consistent spray patterns throughout the die. Whatever the need, our 410 is prepared to meet the demands of your daily operations.



Key Features

- Full rest position – provides unobstructed access to the dies
- Standard strokes of 47", 60" and 80"
- Payload up to 150 lbs.
- Servo drive makes the reciprocator faster and more accurate
- Extremely accurate and repeatable – exact nozzle placement between the dies
- Ability to spray lube and blow off air together or independently
- Easy to modify speeds, functions, positions and timers
- Reduces high cost runoff and lube consumption with atomization
- Optional custom designed spray manifolds to meet your cycle time demands
- Highly adjustable spray tips in a wide variety of spray patterns
- Quick release manifolds



Manifolds

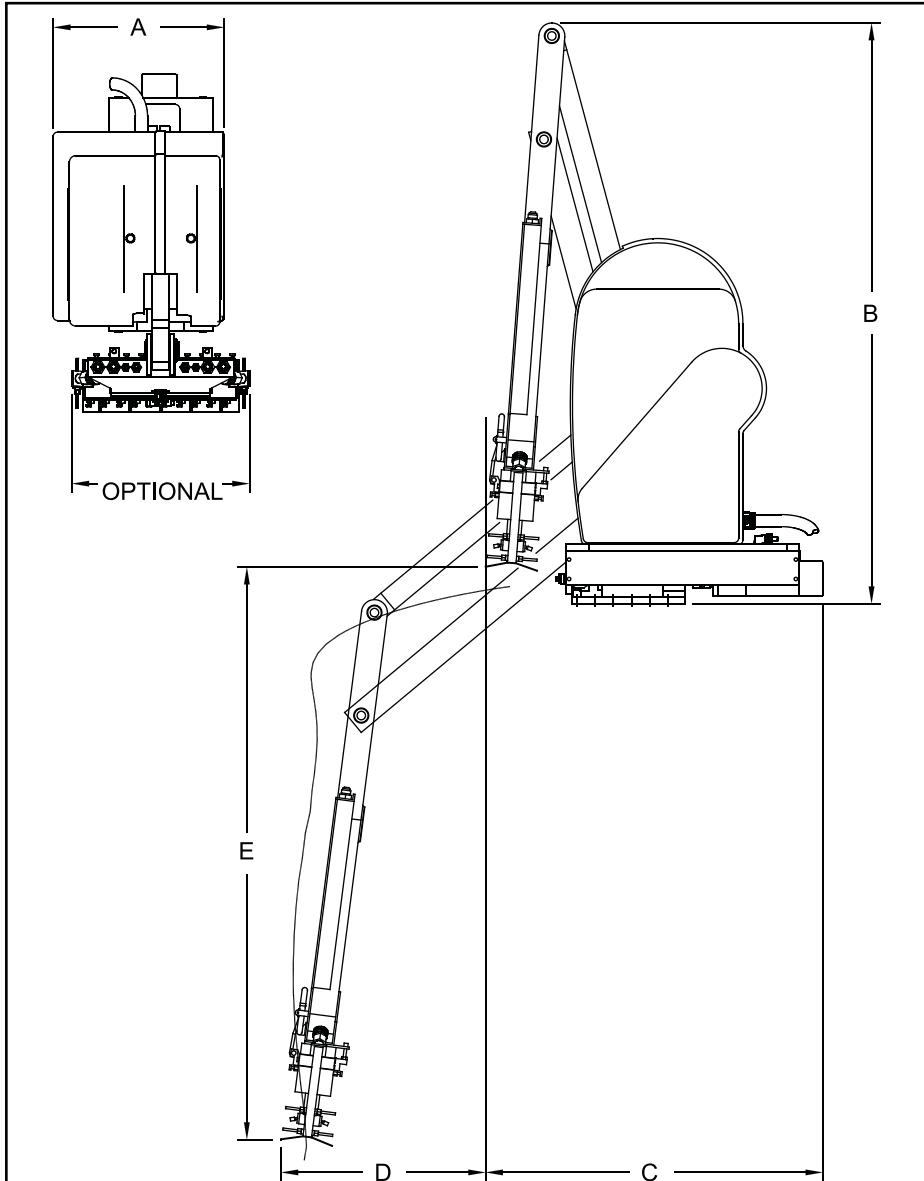
We supply state-of-the-art manifolds to reduce your spray cycle by a minimum of 15%

Manifold Options: We offer a variety of optional manifold lengths and nozzles to suit your needs. All of our manifold options allow flexibility in the nozzle mounting positions and tips so they will coincide with your individual spray requirements. Moreover, our optional two lube capabilities allow you to select individual lube at each dwell position or during any part of the sweep motion.

Exact Spray: For the ultimate in die spray preparation and control, our optional Exact Spray system provides complete independent control of the spray nozzles. Each nozzle on the spray manifold can be programmed to be active at any position in the spray cycle assuring precise spray control only when and where you need it.



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	Variation "A"	Variation "B"	Variation "C"	Variation "D"	Variation "E"
43" Stroke	20	53 3/8	37 3/4	15 3/4	43
47" Stroke	20	56	37	17 3/8	47
60" Stroke	20	63 3/4	38	21 3/4	60
66" Stroke	20	57 1/8	39	23 5/8	66
72" Stroke	20	70 1/2	40 1/4	25 3/4	72
80" HD Stroke	23 1/2	82 1/2	52 3/4	29	80

What Can Rimrock's 410 Reciprocator Do for Me?

Creates a Safe Workplace

- Removes operator from between the dies

Reduces Setup Time With

- Memory areas for program storage
- Auto teach
- Quick change manifolds
- Powered horizontal base drive

Reduces Cycle Time

- Approach position
- Short cycle
- Multiple nozzle manifolds

Spray complex dies consistently

- Custom manifolds
- Wait function
- Accepts multiple nozzles
- Two lube option
- Separate air blow off
- Multiple spray tips
- Separate pilot air circuits
- 20 programmable positions
- Exact & Accurate

Provides Ease of Maintenance & Operation

- User-friendly graphical interface
- Nozzle purging
- Proximity switches
- Light fiberglass covers

Sells Castings

- Consistency
- Better quality
- Lower scrap