DIE CAST MACHINERY LLC

3246 West Monroe Street
Waukegan, IL 60085-3029 USA
1-847-360-9170 Phone
www.diecastmachinery.com

**Die Cast Machinery, LLC Inventory number: DCM-5935**

We offer for sale, subject to availability, prior sale and the terms listed below:

## Used Prince Model: 836 CCA 900 U.S. Tons Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine

| | |
|---|---|
| **Status:** | **Available** |
| **Manufacturer:** | Prince |
| **Model:** | 836 CCA |
| **Size:** | 900 U.S. Tons |
| **ID Number:** | DCM-5935 |

Prince - 836 CCA 900 U.S. Tons Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine, Allen Bradley ControlLogix 5572 PLC Controls

**View this machine online: DCM-5935**



## *Specifications*

| | U.S. Standard | Metric |
|---|---|---|
| Rated Tonnage: | 900 tons | 816.5 tons |
| Tie Bar Diameter: | 7.5 inches | 190.5 mm |
| Clearance Between Tie bars: | 36.5 x 36.5 inches | 927.1 x 927.1 mm |
| Front Platen Size (T x W x H): | 12.75 x 60 x 70 inches | 323.9 x 1524 x 1524 |
| Moving Platen Size (T x W x H): | 11.75 x 60 x 60 inches | 298.5 x 1524 x 1524 |
| Die Thickness (min. - max.): | 20 - 40 inches | 508 - 1016 mm |
| Die Stroke: | 22 inches | 558.8 mm |
| Ejection Stroke: | 6 inches | 152.4 |
| Injection Cylinder Bore/Stroke: | 8 x 30 inches | 203.2 mm x 762 mm |
| Motor Size: | 75 HP | 55.16 kw |
| Machine Size (L x W x H): | 28 x 8 x 11 feet | 8.5 x 2.4 x 3.4 meters |

## *Features & Accessories:*

- Price includes contents of cell, automation – ABB robot ladle, ABB robot extractor, Die Spray , quench tank, conveyors
- Visi-Trak Closed-Loop Servo Shot Control System with Allen Bradley ControlLogix 5572 PLC - Machine Fully Remanufactured in 2017 by Die Cast Press
- Inserted Shot Position - Multi-Shot Location Capability, Top Operator Side Fully Automatic Tie Bar Pulling System
- Twin Cylinder Hydraulic Bumper Plate Ejection System
- One (1) Auxiliary Hydraulic Core Circuit on Moving Platen
- Hydraulic Motorized Die Height Adjustment System with Individual Tie Bar Tonnage Adjustment System and Electronic Strain Gauges
- Available as a Complete cell - the following are at additional cost: ABB 2600 Robot Auto-Ladle, ABB IRB 6400 Automatic Die Spray, ABB 6700 Parts Extractor

## *Optional Equipment Available with Machine at Additional Cost:* *(click on item to view)*

| | |
|---|---|
| ABB Sprayer Robot | DCM-5960 |
| ABB Extractor Robot | DCM-5961 |
| Quench Tank | DCM-5994 |

## *Terms of Sale:*

**Price:** **request quotation**

**Shipping Terms:** Ex-works

Questions? Call (847) 360-9170 and mention DCM-5935.

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## Photos - DCM-5935

*Click any photo to open it full size on our website.*



Photo 1 of DCM-5935 - view online

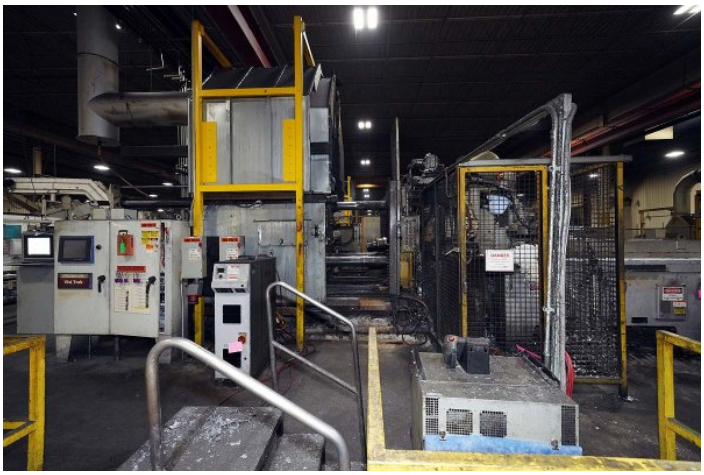

Photo 2 of DCM-5935 - view online



Photo 3 of DCM-5935 - view online

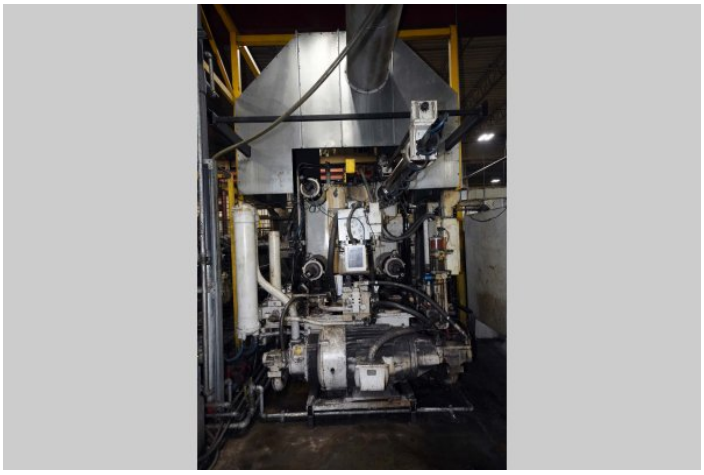

Photo 4 of DCM-5935 - view online



Photo 5 of DCM-5935 - view online

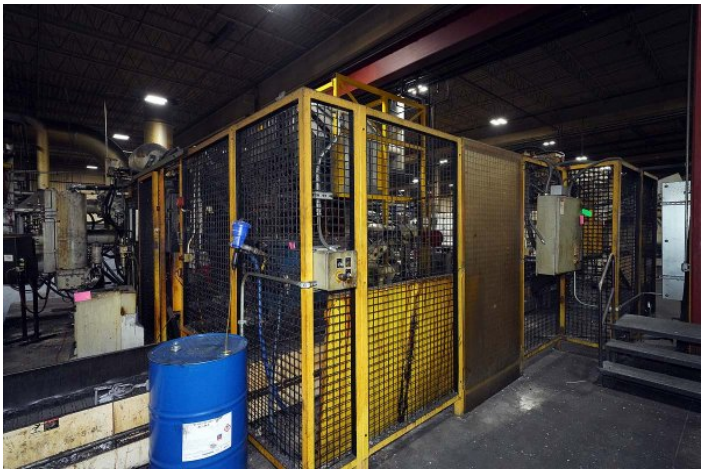

Photo 6 of DCM-5935 - view online

## Photos - DCM-5935 (continued)

*Click any photo to open it full size on our website.*

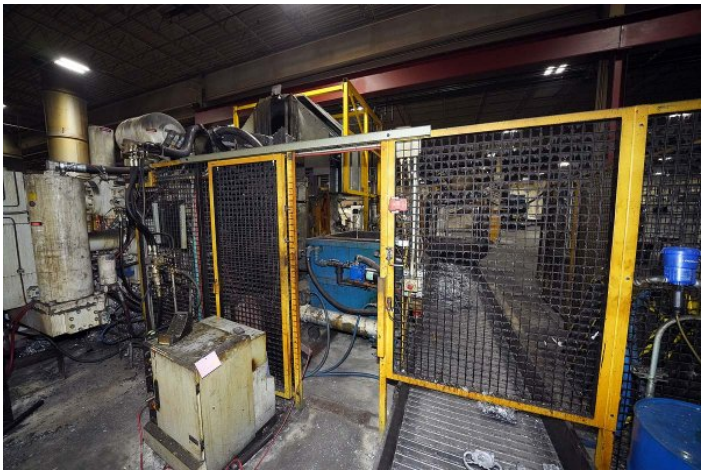

Photo 7 of DCM-5935 - view online



Photo 8 of DCM-5935 - view online




Photo 9 of DCM-5935 - view online




Photo 10 of DCM-5935 - view online

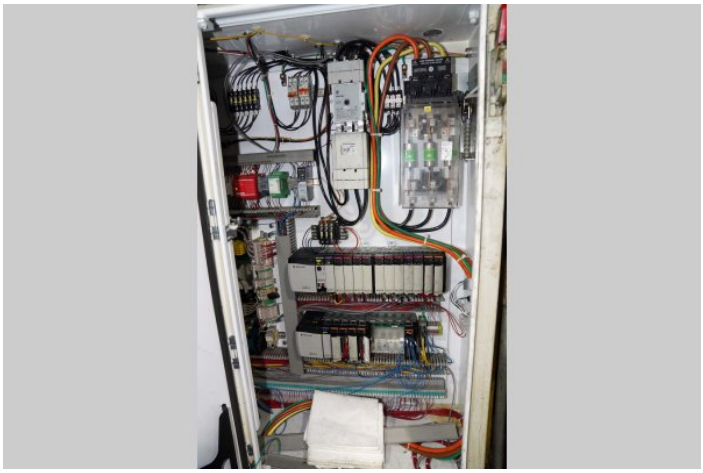

Photo 11 of DCM-5935 - view online

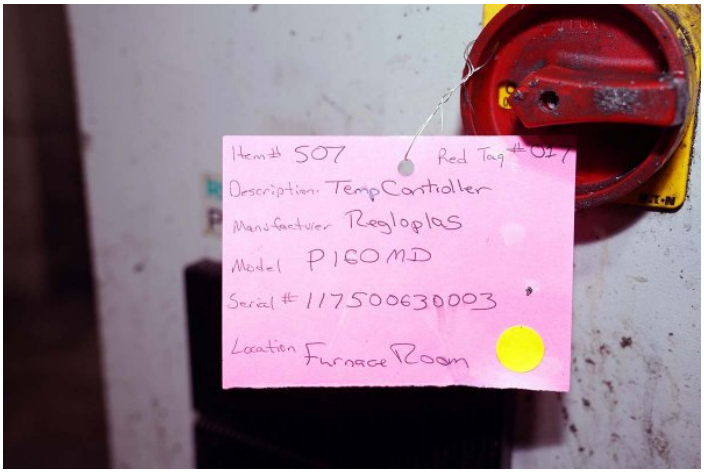


Photo 12 of DCM-5935 - view online

## Photos - DCM-5935 (continued)

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Photo 13 of DCM-5935 - view online




Photo 14 of DCM-5935 - view online



Photo 15 of DCM-5935 - view online




Photo 16 of DCM-5935 - view online



Photo 17 of DCM-5935 - view online



Photo 18 of DCM-5935 - view online

## Photos - DCM-5935 (continued)

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Photo 19 of DCM-5935 - view online



Photo 20 of DCM-5935 - view online



Photo 21 of DCM-5935 - view online



Photo 22 of DCM-5935 - view online



Photo 23 of DCM-5935 - view online



Photo 24 of DCM-5935 - view online

## Photos - DCM-5935 (continued)

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Photo 25 of DCM-5935 - view online



Photo 26 of DCM-5935 - view online

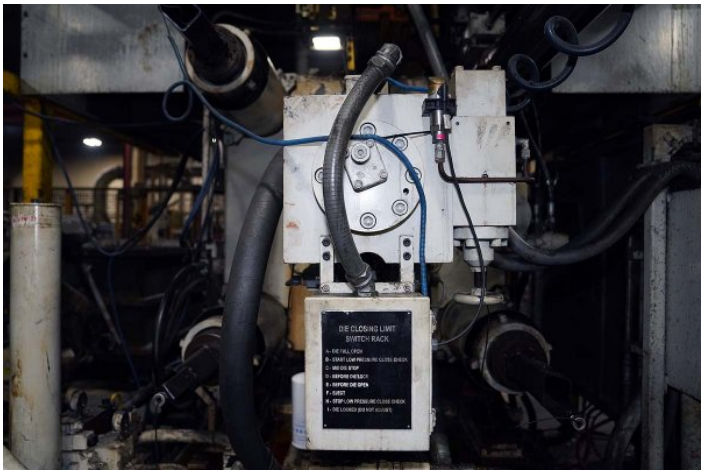


Photo 27 of DCM-5935 - view online




Photo 28 of DCM-5935 - view online

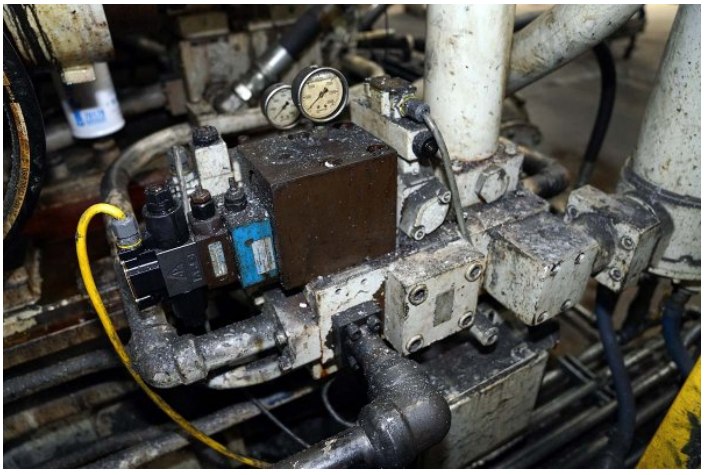

Photo 29 of DCM-5935 - view online



Photo 30 of DCM-5935 - view online

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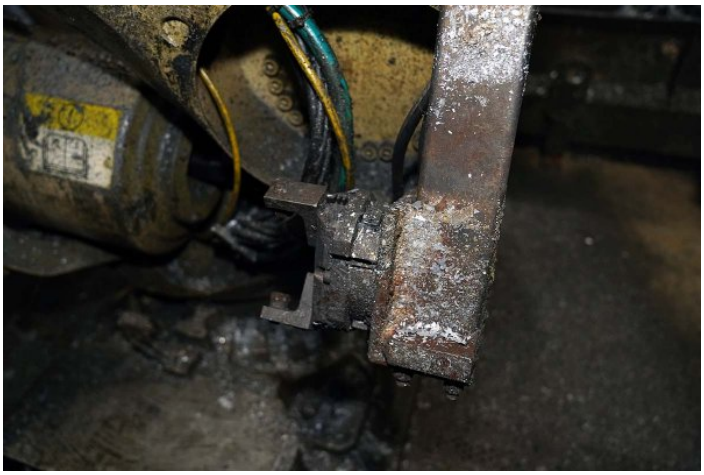

Photo 31 of DCM-5935 - view online



Photo 32 of DCM-5935 - view online



Photo 33 of DCM-5935 - view online



Photo 34 of DCM-5935 - view online



Photo 35 of DCM-5935 - view online

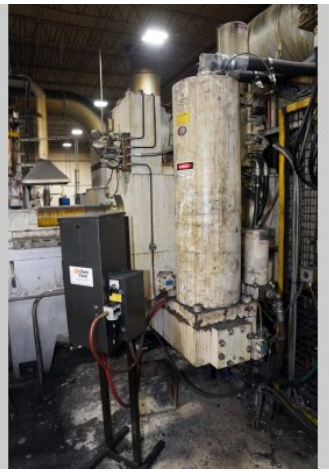

Photo 36 of DCM-5935 - view online

## Photos - DCM-5935 (continued)

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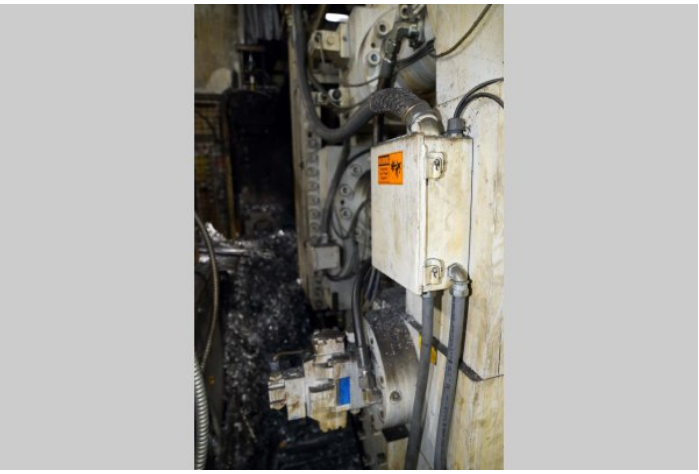

Photo 37 of DCM-5935 - view online



Photo 38 of DCM-5935 - view online




Photo 39 of DCM-5935 - view online

## *Description:*

Used, Prince Model 836 CCA 900 U.S. Tons Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine For_Sale, Features Include: Visi-Trak Closed-Loop Servo Shot Control System with Allen Bradley ControlLogix 5572 PLC - Machine Fully Remanufactured in 2017 by Die Cast Press, Inserted Shot Position - Multi-Shot Location Capability, Top Operator Side Fully Automatic Tie Bar Pulling System, Twin Cylinder Hydraulic Bumper Plate Ejection System, One (1) Auxiliary Hydraulic Core Circuit on Moving Platen, Hydraulic Motorized Die Height Adjustment System with Individual Tie Bar Tonnage Adjustment System and Electronic Strain Gauges, Available as a Complete cell - the following are at additional cost: ABB 2600 Robot Auto-Ladle, ABB IRB 6400 Automatic Die Spray, ABB 6700 Parts Extractor, Allen Bradley ControlLogix 5572 PLC controls, second Hand, DCM-5935

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