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-6024

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

Used Prince Model: 629 CCA 650 Ton Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine

Status:	**Available**
Manufacturer:	Prince
Model:	629 CCA
Size:	650 Ton
ID Number:	DCM-6024

Prince - 629 CCA 650 Ton Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine, Allen Bradley PLC Controls Controls

View this machine online: DCM-6024



Specifications

	U.S. Standard	Metric
Rated Tonnage:	650 tons	589 tons
Tie Bar Diameter:	6.75 inches	171 mm
Clearance between Tie Bars:	29.25 x 29.25 inches	742 x 742 mm
Front Platen Size (T x W x H):	10.75 x 51 x 58 inches	273 x 1295 x 1473 mm
Moving Platen Size (T x W x H):	9.75 x 51 x 53 inches	247 x 1295 x 1346 mm
Die Thickness (minimum to maximum):	16 - 36 inches	406 - 914 mm
Die Stroke:	17 inches	431 mm
Shot Position Standard:	Center and -6	Center and -152 mm
Shot Cylinder Stroke:	19 - 24 inches	482 - 609 mm
Motor Size:	60 HP	44.76 Kw
Machine Size (L x W x H):	26 x 7.5 x 9 feet	7.92 x 2.29 x 2.74 meters
Machine Weight:	64,000 pounds	29,029 kg

Features & Accessories:

- Price is for the complete die casting cell including die cast machine, trim press, automatic ladle, ABB robot sprayer/extractor, scrap return conveyor, scrap shaker conveyor and aluminum melting/holding furnace
- Allen Bradley PLC 5/30 with PanelView 550 HMI
- Twin Cylinder Hydraulic Bumper Plate Ejection System
- One (1) auxiliary hydraulic side core circuits on moving platen
- Hydraulic Motorized Die Height Adjustment System and Toper Operator Side Automatic Tie Bar Pulling System
- Trabon Automatic Central Lubrication System
- Prince Binary II Shot Control System

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

Metal Mechanics Model: MM-35 35 Ton Four Column (Post) Vertical Hydraulic Die Casting Trim Press	DCM-6004
Sold – Trim Press	DCM-6005
Ex-Cell-O B&T Model: DC-650-A 650 Ton	DCM-6017
Rimrock/DieKast Model: 305/Diekast 70 Inches of Stroke Multi-Link Automatic Ladle for Non-Ferrous Aluminum and Brass Die Casting and Foundry Operations	DCM-6018
F.W. Schaefer Model: FWS-800 800 Pounds per Hour Melt Rate Reverberatory Type Wet Bath Stationary Aluminum Melting and Holding Furnace	DCM-6019
PCDC Model: PCDC-SC 24 Inch Wide by 8 foot long Metal Chain Plate Conveyor Belt with Forced Air Cooling Fans and Tunnel for Die Cast and Foundry Applications	DCM-6020
Gooseneck Conveyor	DCM-6021
ABB Model: IRB 4400-M2000 45 Kilogram Six Axis Foundry Rated Industrial Robot	DCM-6022
PCDC Model: PCDC-30x156 24 Inch Wide by 20 foot long Metal Chain Plate Conveyor Belt with Forced Air Cooling Fans and Tunnel for Die Cast and Foundry Applications	DCM-6023
Rimrock Auto Ladle	DCM-6025
Aluminum Melting-Holding Furnace	DCM-6026
PCDC Model: PCDC-SC 24 Inch Wide by 8 foot long Metal Chain Plate Conveyor Belt with Forced Air Cooling Fans and Tunnel for Die Cast and Foundry Applications	DCM-6027
PCDC Model: PCDC-GNC 24 Inch Wide by 14 foot long Metal Chain Plate Conveyor Belt with Forced Air Cooling Fans and Tunnel for Die Cast and Foundry Applications	DCM-6028
ABB Sprayer-Extractor Robot	DCM-6029
Forced Air Cooling Conveyor	DCM-6030

Terms of Sale:

Price: **request quotation**

Shipping Terms: Ex-works

Questions? Call (847) 360-9170 and mention DCM-6024.

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Photos - DCM-6024

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



Photo 1 of DCM-6024 - view online



Photo 2 of DCM-6024 - view online



Photo 3 of DCM-6024 - view online

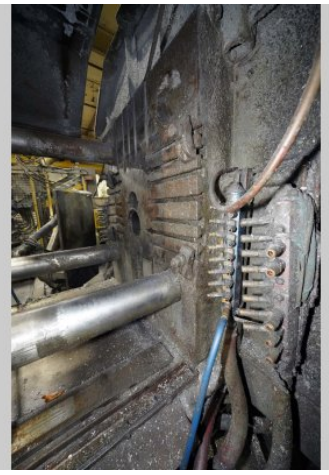


Photo 4 of DCM-6024 - view online

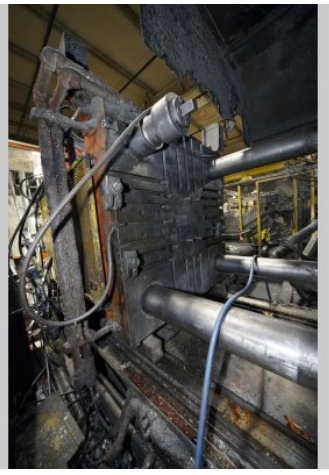


Photo 5 of DCM-6024 - view online

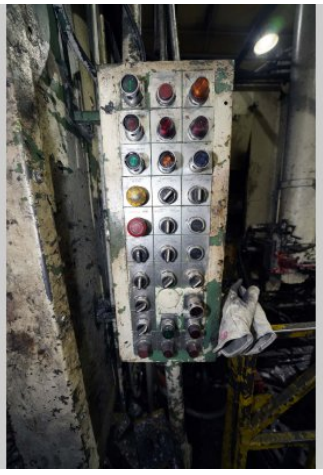


Photo 6 of DCM-6024 - view online

Photos - DCM-6024 (continued)

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Photo 7 of DCM-6024 - view online



Photo 8 of DCM-6024 - view online



Photo 9 of DCM-6024 - view online

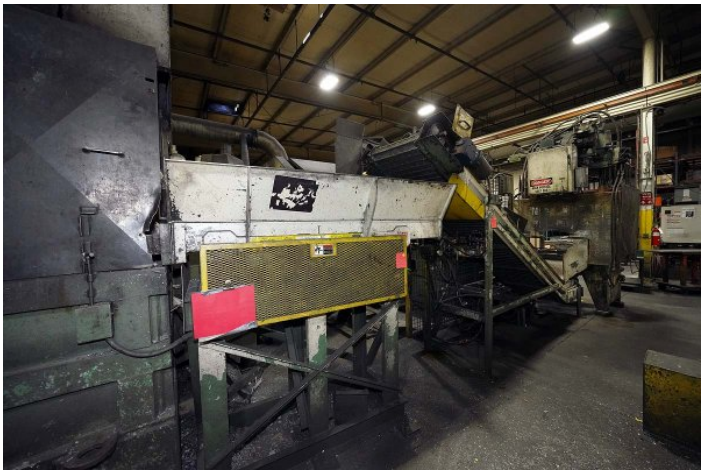


Photo 10 of DCM-6024 - view online

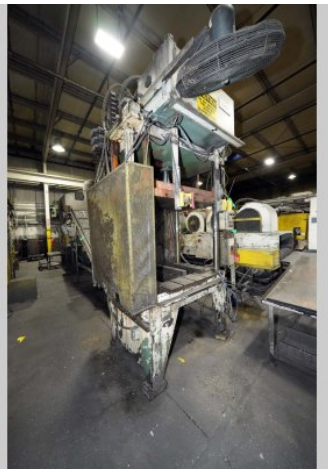


Photo 11 of DCM-6024 - view online

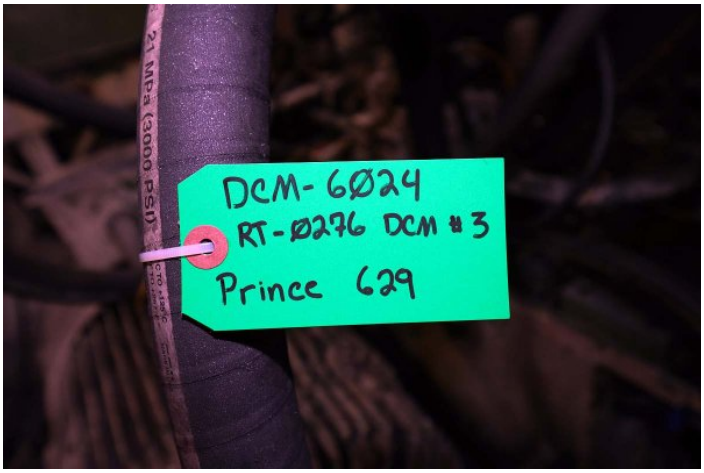


Photo 12 of DCM-6024 - view online

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Description:

Used, Prince Model 629 CCA 650 Ton Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine For_Sale, Features Include: Allen Bradley PLC 5/30 with PanelView 550 HMI, Twin Cylinder Hydraulic Bumper Plate Ejection System, One (1) auxiliary hydraulic side core circuits on moving platen, Hydraulic Motorized Die Height Adjustment System and Toper Operator Side Automatic Tie Bar Pulling System, Trabon Automatic Central Lubrication System, Prince Binary II Shot Control System, Allen Bradley PLC Controls controls, second Hand, DCM-6024

PURCHASER'S (Buyer's) RESPONSIBILITY AND INDEMNITY: Used machines, equipment or any part thereof, may not incorporate approved activating mechanisms, operator safety devices or safety guards as required by OSHA or otherwise. It shall be a Purchaser's (Buyer's) responsibility to ensure that any and all merchandise or equipment purchased from Die Cast Machinery, LLC or its affiliates is installed and operated in a proper and safe manner. Purchaser (Buyer) also acknowledges that it may have to install or change guards, safeties, warnings or other components to ensure that the merchandise or machines purchased will conform to all laws, codes, regulations, ordinances, statutes, insurance requirements and industry standards. Purchaser agrees to defend, indemnify and hold harmless Die Cast Machinery, LLC from and against all suits, claims, costs, damages and expenses, including, but not limited to, reasonable attorneys' fees, arising out of, or in connection with, the transportation, purchase, ownership, or use of the merchandise or equipment sold hereunder. Information has been obtained from sources deemed reliable, buyers should avail themselves of the opportunity to inspect the items before purchase.