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-6029

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

Used ABB Model: IRB 4600 45 Kilogram Six Axis Foundry Rated Industrial Robot

Status:	**Available**
Manufacturer:	ABB
Model:	IRB 4600
Size:	45 Kilogram
ID Number:	DCM-6029

ABB - IRB 4600 45 Kilogram Six Axis Foundry Rated Industrial Robot, Controls

View this machine online: DCM-6029



Specifications

	U.S. Standard	Metric
Number of Axis:	6	6
Payload Capacity:	99 pounds	45 kg
Reach:	77 inches	1960 mm
Axis 1 Robot Motion Range:	+/- 330 degrees	+/- 330 degrees
Axis 2 Robot Motion Range:	+/- 165 degrees	+/- 165 degrees
Axis 3 Robot Motion Range:	+/- 125 degrees	+/- 125 degrees
Axis 4 Robot Motion Range:	+/- 400 degrees	+/- 400 degrees
Axis 5 Robot Motion Range:	+/- 240 degrees	+/- 240 degrees
Axis 6 Robot Motion Range:	+/- 800 degrees	+/- 800 degrees
Repeatability:	+/- 0.00276 inches	+/- 0.07 mm

Features & Accessories:

- Take Your Die Casting Die Spraying and Casting Extraction Process to the Next Level - Performance only achievable using a High Capacity/Long Reach Six Axis Industrial Robot
- Fast maneuverability
- Medium to Heavy Payload Capability
- Renowned ABB Parts and Service
- Configured with Hardware for Automatic Die Spraying including Spray Regulators, Manifolds, Nozzles plus Automatic Parts Extracting - Including Gripper Package for Extracting the Die Casting from the Die Cast Machine and Loading Casting into Trim Press

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 – Metal Mechanics Model: MM-35 35 Ton Four Column (Post) Vertical Hydraulic Die Casting 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
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-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
Return To Pace Black Creek DCM #3	DCM-6024
Rimrock Model: 305 50 Pound Pour Capacity Multi-Link Automatic Ladle for Non-Ferrous Aluminum and Brass Die Casting and Foundry Operations	DCM-6025
Lindberg MPH Model: 62-AMH-600-SP 600 Pound Per Hour Melt Capacity Reverberatory Type Wet Bath Stationary Aluminum Melting and 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
PCDC Model: PCDC-30x156 30 Inch Wide by 13 foot long Metal Chain Plate Conveyor Belt with Forced Air Cooling Fans and Tunnel for Die Cast and Foundry Applications	DCM-6030

Terms of Sale:

Price: **request quotation**

Shipping Terms: Ex-works

Questions? Call (847) 360-9170 and mention DCM-6029.

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Photos - DCM-6029

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



Photo 1 of DCM-6029 - view online

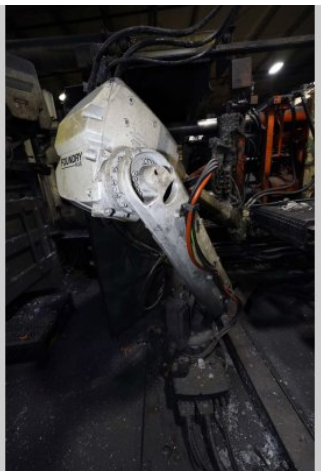


Photo 2 of DCM-6029 - view online



Photo 3 of DCM-6029 - view online



Photo 4 of DCM-6029 - view online

Description:

Used, ABB Model IRB 4600 45 Kilogram Six Axis Foundry Rated Industrial Robot For_Sale, Features Include: Fast maneuverability, Medium to Heavy Payload Capability, Renowned ABB Parts and Service, Configured with Hardware for Automatic Die Spraying including Spray Regulators, Manifolds, Nozzles plus Automatic Parts Extracting - Including Gripper Package for Extracting the Die Casting from the Die Cast Machine and Loading Casting into Trim Press, controls, second Hand, DCM-6029

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

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purchase.