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-6044

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

Used ABB Model: IRB 2400 20 Kilogram Six Axis Foundry Rated Industrial Robot

Status:	**Available**
Manufacturer:	ABB
Model:	IRB 2400
Size:	20 Kilogram
ID Number:	DCM-6044

ABB - IRB 2400 20 Kilogram Six Axis Foundry Rated Industrial Robot, Controls

View this machine online: DCM-6044



Specifications

	U.S. Standard	Metric
Number of Axis:	6	6
Payload Capacity:	44 pounds	20 kg
Reach:	61 inches	1.55 meter
Axis 1 Rotation Motion:	+/- 360 Degrees - 150 °/second	+/- 360 Degrees - 150 °/second
Axis 2 Arm Motion:	+/- 210 Degrees - 150 °/second	+/- 210 Degrees - 150 °/second
Axis 3 Arm Motion:	+/- 125 Degrees - 150 °/second	+/- 125 Degrees - 150 °/second
Axis 4 Wrist Motion:	+/- 400 Degrees - 360 °/second	+/- 400 Degrees - 360 °/second
Axis 5 Bend Motion:	+/- 240 Degrees - 360 °/second	+/- 240 Degrees - 360 °/second
Axis 6 Turn Motion:	+/- 800 Degrees	+/- 800 Degrees
Power:	+/- 800 Degrees - 450 °/second	+/- 800 Degrees - 450 °/second
Approximate Machine Weight:	661 pounds	300 kg

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
- Compact Arm Design
- Fast maneuverability
- 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-50 50 Ton Four Column (Post) Vertical Hydraulic Die Casting Trim Press	DCM-6007
Return To Pace Black Creek DCM #6	DCM-6039
PCDC Model: PCDC-QT 280 280 Gallon Quench Tank Capacity Quench Tanks used for quenching die castings	DCM-6040
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-6041
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-6042
Thermtronix Model: RS-3000 3000 pound bath 650 Pounds per Hour Melt Rate Electric Heated Silicon Carbide Crucible Type Aluminum Melting & Holding Furnace	DCM-6043
Rimrock/DieKast Model: 305/Diekast 300 Series 70 Inches of Stroke Multi-Link Automatic Ladle for Non-Ferrous Aluminum and Brass Die Casting and Foundry Operations	DCM-6045
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-6046

Terms of Sale:

Price: **request quotation**

Shipping Terms: Ex-works

Questions? Call (847) 360-9170 and mention DCM-6044.

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Photos - DCM-6044

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



Photo 1 of DCM-6044 - view online

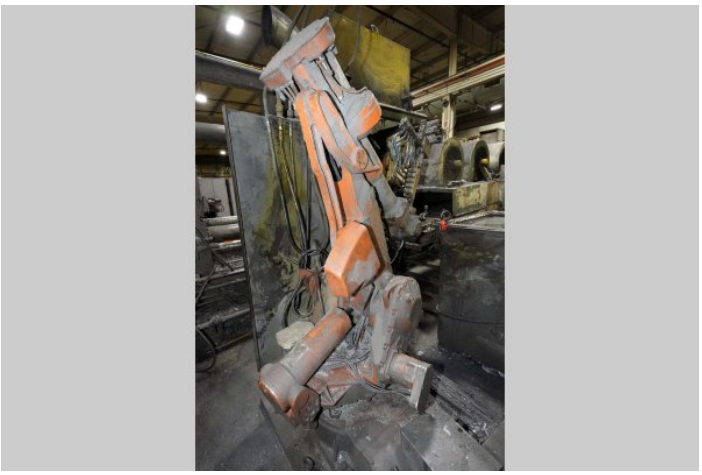

Photo 2 of DCM-6044 - view online

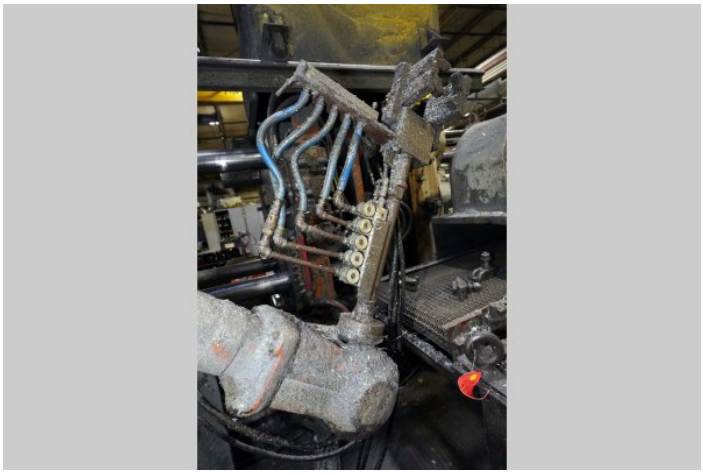

Photo 3 of DCM-6044 - view online

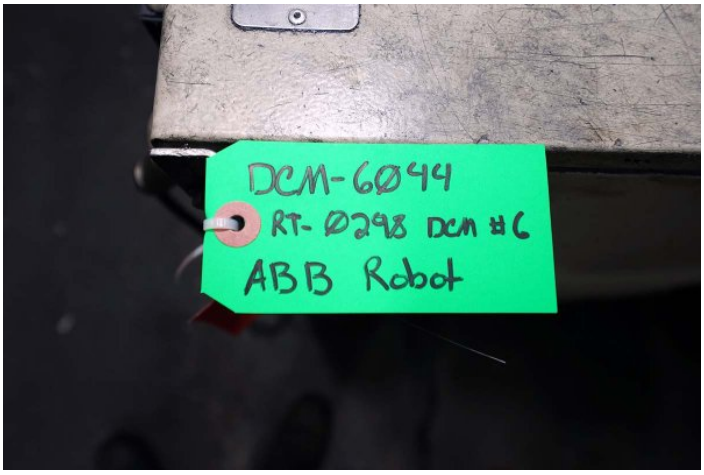

Photo 4 of DCM-6044 - view online

Description:

Used, ABB Model IRB 2400 20 Kilogram Six Axis Foundry Rated Industrial Robot For_Sale, Features Include: Compact Arm Design, Fast maneuverability, 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-6044

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.