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-5651

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

Used Buhler Model: Evolution B 66 D 674 Metric Tons (743 US Tons) Horizontal Cold Chamber Aluminum/Magnesium Capable High Pressure Die Casting Machine

Status:	**Available**
Manufacturer:	Buhler
Model:	Evolution B 66 D
Size:	674 Metric Tons (743 US Tons)
ID Number:	DCM-5651

Buhler - Evolution B 66 D 674 Metric Tons (743 US Tons) Horizontal Cold Chamber Aluminum/Magnesium Capable High Pressure Die Casting Machine, Buhler DataNet Controls

View this machine online: DCM-5651



Specifications

	U.S. Standard	Metric
Injection Force, Dynamic - Intensified:	44.73 - 123.19 tons	290 - 700 kn (29.5 - 71.3 metric tons)
Injection Positions:	Center to -13.77 inches	Center to -300 mm
Plunger Diameter (min - max)	3.25 - 5.00 inches	70 - 110 mm
Plunger Stroke	35.4 inches	600 mm
Projected area (min - Maximum)	56.1 to 138.5 Square Inches	362 - 894 cm2
Ejector Force/Stroke:	25.29 tons - 6.88 inches	225 kN (22.9 metric tons) - 175 mm stroke
Tie Bar Diameter:	5.9 inches	150 mm
Maximum Locking Force	743 Tons	6615 kN (674 metric tons)
Stationary Platen Size (H x V)	65.7 x 65.7 inches	1,530 x 1,657
Tie Bar Clearance	30.7 x 30.7 inches	780 x 780 mm
Die Height (minimum - maximum)	11.8 - 35.4 inches	300 - 900 mm
Die Opening Stroke	31.49 inches	800 mm

Features & Accessories:

- Fully Automated Cell including: Die Cast Machine, Gerlieva High Speed Linear Sprayer, ABB IRB 4600 Robot Extractor, Weco 35 Ton Trim Press, Striko Westofen W650 SL ProDos
  XP Aluminum Dosing Furnace and Fondarex HP Premium C Vacuum system
- Updated to Buhler DataNet Control System
- Twin Cylinder Hydraulic Bumper Plate Ejection
- Three (3) Auxiliary Hydraulic Core Circuits, One of Fixed Platen, two (2) on Moving Platen
- Floor Mounted Power Operator and Helper Side Safety Doors
- Hydraulic Motorized Die Height Adjustment System
- Dual Fully Automatic Tie Bar Pulling System with Electronic Tie Bar Strain Gauges

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Terms of Sale:

Price: request quotation

Shipping Terms: Ex-works

Questions? Call (847) 360-9170 and mention DCM-5651.

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Photos - DCM-5651

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Photo 1 of DCM-5651 - view online



Photo 2 of DCM-5651 - view online



Photo 3 of DCM-5651 - view online

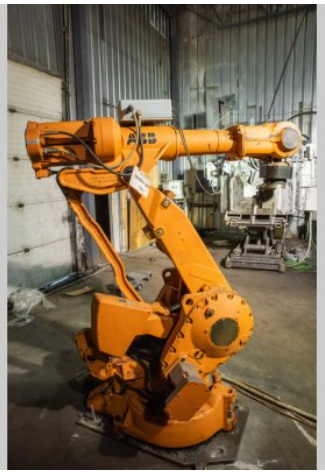

Photo 4 of DCM-5651 - view online



Photo 5 of DCM-5651 - view online



Photo 6 of DCM-5651 - view online

Photos - DCM-5651 (continued)

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Photo 7 of DCM-5651 - view online

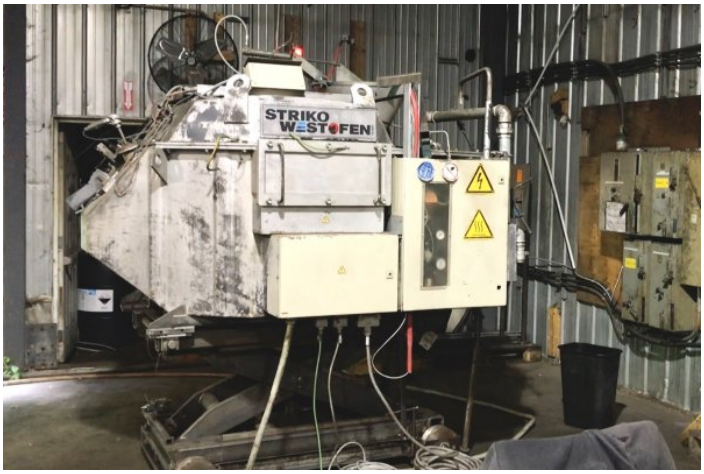

Photo 8 of DCM-5651 - view online



Photo 9 of DCM-5651 - view online

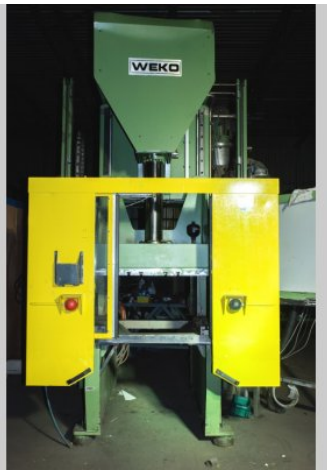

Photo 10 of DCM-5651 - view online



Photo 11 of DCM-5651 - view online



Photo 12 of DCM-5651 - view online

Photos - DCM-5651 (continued)

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Photo 13 of DCM-5651 - view online



Photo 14 of DCM-5651 - view online

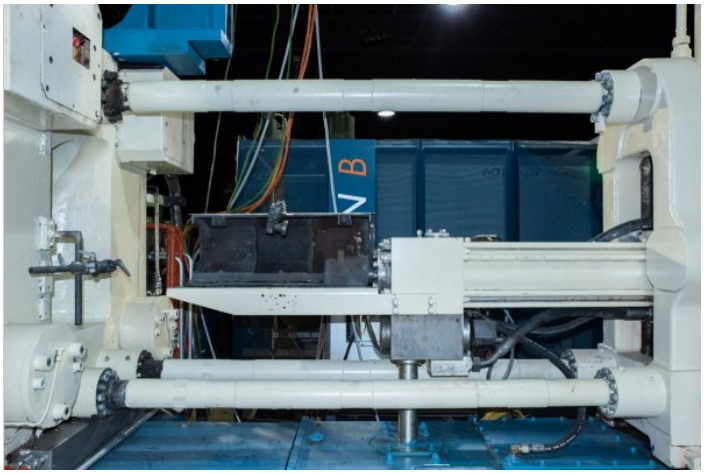

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Photo 16 of DCM-5651 - view online



Photo 17 of DCM-5651 - view online



Photo 18 of DCM-5651 - view online

Photos - DCM-5651 (continued)

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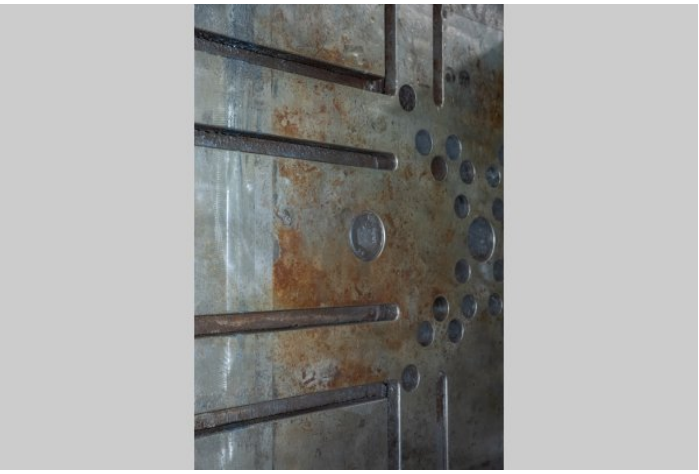

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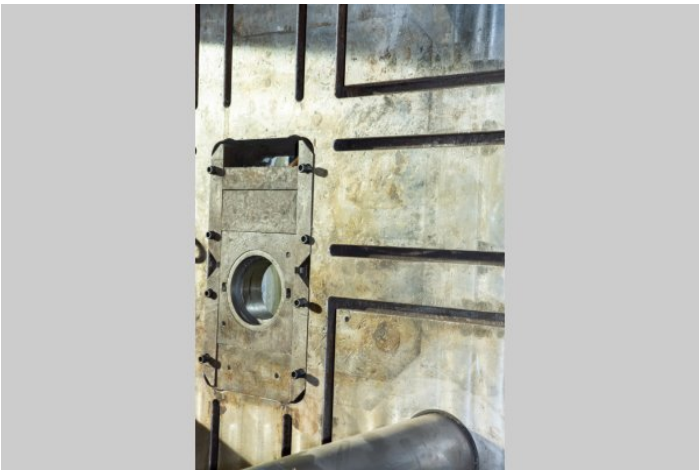

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Photo 21 of DCM-5651 - view online

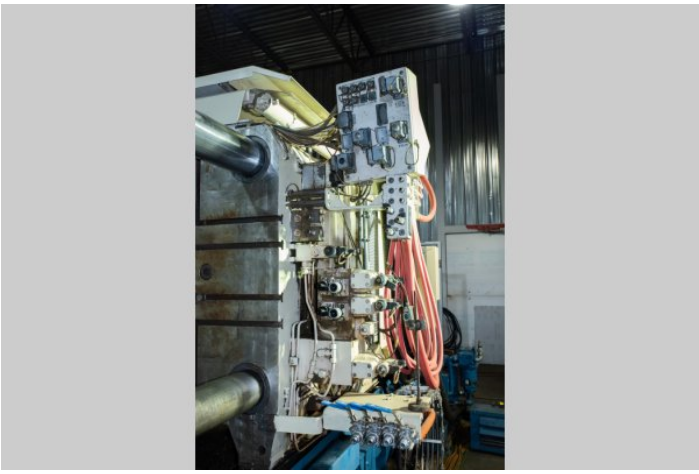

Photo 22 of DCM-5651 - view online



Photo 23 of DCM-5651 - view online



Photo 24 of DCM-5651 - view online

Photos - DCM-5651 (continued)

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Photo 25 of DCM-5651 - view online



Photo 26 of DCM-5651 - view online



Photo 27 of DCM-5651 - view online

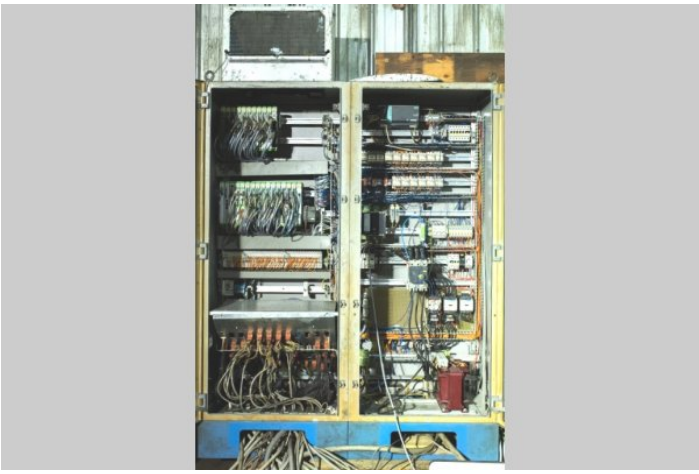

Photo 28 of DCM-5651 - view online



Photo 29 of DCM-5651 - view online



Photo 30 of DCM-5651 - view online

Photos - DCM-5651 (continued)

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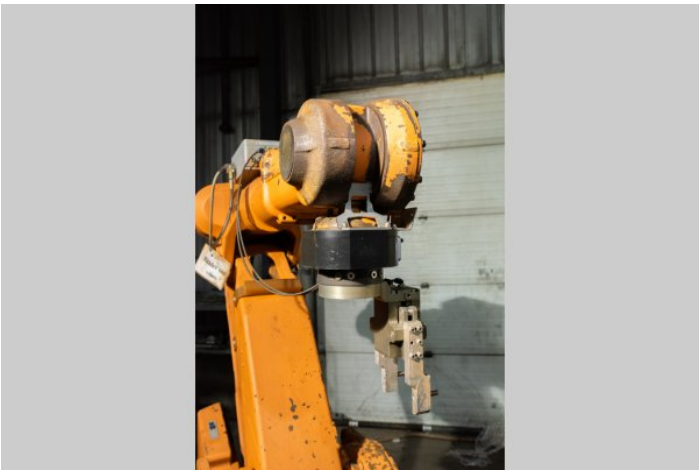
Photo 31 of DCM-5651 - view online



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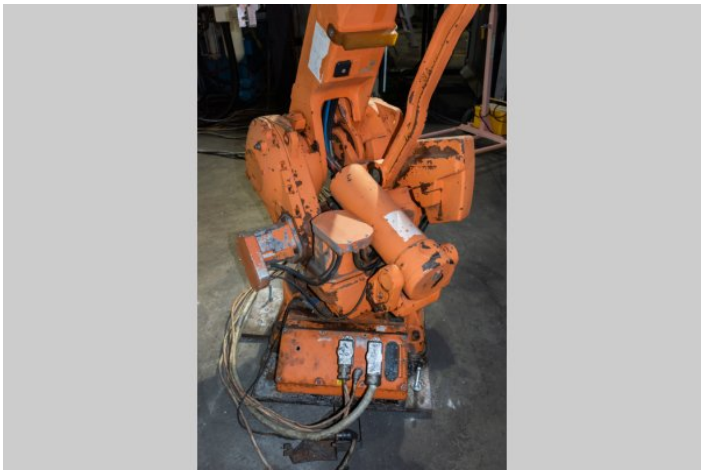

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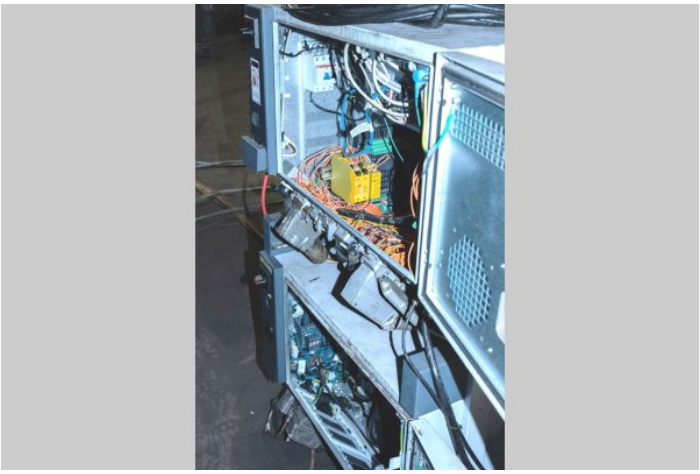

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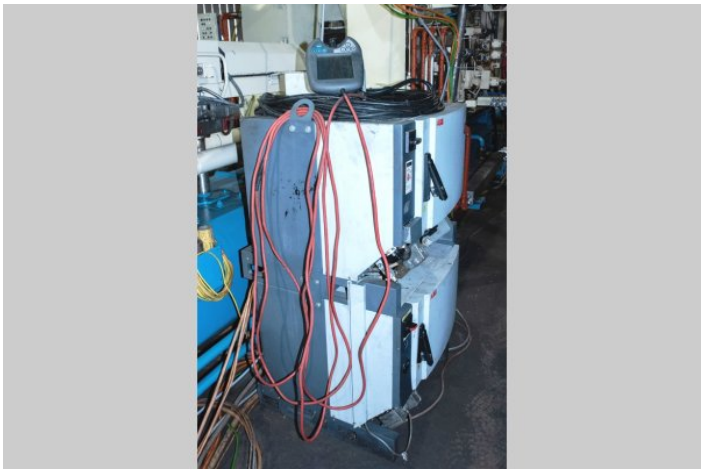

Photo 35 of DCM-5651 - view online



Photo 36 of DCM-5651 - view online

Photos - DCM-5651 (continued)

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Photo 37 of DCM-5651 - view online



Photo 38 of DCM-5651 - view online



Photo 39 of DCM-5651 - view online



Photo 40 of DCM-5651 - view online



Photo 41 of DCM-5651 - view online



Photo 42 of DCM-5651 - view online

Photos - DCM-5651 (continued)

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Photo 43 of DCM-5651 - view online



Photo 44 of DCM-5651 - view online



Photo 45 of DCM-5651 - view online



Photo 46 of DCM-5651 - view online

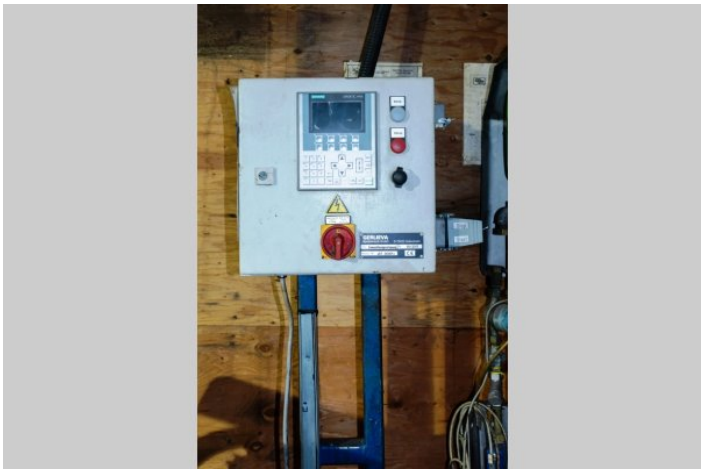

Photo 47 of DCM-5651 - view online



Photo 48 of DCM-5651 - view online

Photos - DCM-5651 (continued)

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Photo 49 of DCM-5651 - view online



Photo 50 of DCM-5651 - view online

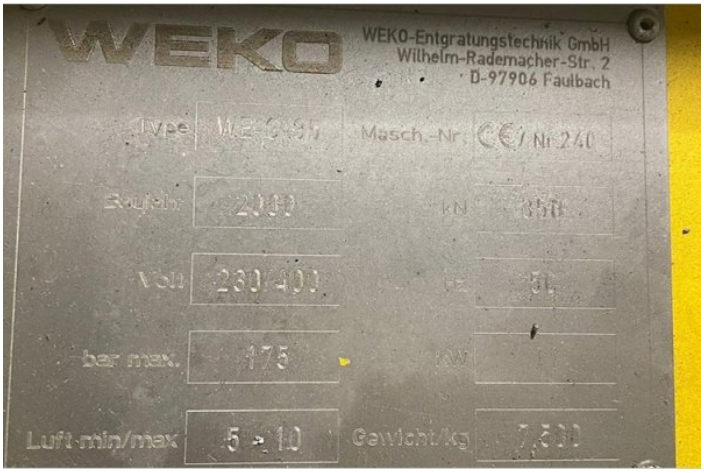

Photo 51 of DCM-5651 - view online

Description:

Used, Buhler Model Evolution B 66 D 674 Metric Tons (743 US Tons) Horizontal Cold Chamber Aluminum/Magnesium Capable High Pressure Die Casting Machine For_Sale, Features Include: Updated to Buhler DataNet Control System, Twin Cylinder Hydraulic Bumper Plate Ejection, Three (3) Auxiliary Hydraulic Core Circuits, One of Fixed Platen, two (2) on Moving Platen, Floor Mounted Power Operator and Helper Side Safety Doors, Hydraulic Motorized Die Height Adjustment System, Dual Fully Automatic Tie Bar Pulling System with Electronic Tie Bar Strain Gauges, Buhler DataNet controls, second Hand, DCM-5651

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,

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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.