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-6159

Used Buhler Model: Evolution 84 DL 856 Metric Tons (944 US Tons) Horizontal Cold Chamber Aluminum/Magnesium Capable High Pressure Die Casting Machine

Status:	**Sold**
Manufacturer:	Buhler
Model:	Evolution 84 DL
Size:	856 Metric Tons (944 US Tons)
ID Number:	DCM-6159

Buhler - Evolution 84 DL 856 Metric Tons (944 US Tons) Horizontal Cold Chamber Aluminum/Magnesium Capable High Pressure Die Casting Machine, Controls

View this machine online: DCM-6159



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)	75 to 197 Square Inches	460 - 1,135 cm2
Ejector Force/Stroke:	25.29 tons - 6.88 inches	225 kN (22.9 metric tons) - 175 mm stroke
Tie Bar Diameter:	6.69 inches	170 mm
Maximum Locking Force	944 Tons	8400 kN (856 metric tons)
Stationary Platen Size (H x V)	65.7 x 65.7 inches	1,530 x 1,657
Tie Bar Clearance	39.37 x 39.37 inches	1,000 x 1,000 mm
Die Height (minimum - maximum)	15.74 - 39.37 inches	400 - 1,000 mm
Die Opening Stroke	31.49 inches	800 mm

Features & Accessories:

- Twin Cylinder Hydraulic Bumper Plate Ejection
- Two (2) Auxiliary Hydraulic Core Circuits, One of Fixed Platen, one (1) on Moving Platen
- Hydraulic Motorized Die Height Adjustment System
- Top Operator Side Fully Automatic Tie Bar Pulling System with Electronic Tie Bar Strain Gauges

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

Sold – Trim Press	DCM-6143
Sold – Metal Mechanics Model: TP-50 50 U.S. Ton Four Column (Post) Vertical Hydraulic Die Casting Trim Press	DCM-6144

Sold – Metal Mechanics Model: TP-50 50 U.S. Ton Four Column (Post) Vertical Hydraulic Die Casting Trim Press	DCM-6145
Sold – HPM Model: II-900-A 900 Ton Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine	DCM-6154
Sold – Fanuc Robotics Model: R-2000iB 210F with R-30iA Controller 165 KG (363 pounds) Six Axis Industrial Robot with Extractor Package/Gripper For Extracting Die Castings	DCM-6155
Sold – Buhler Model: Evolution 84 DL 856 Metric Tons (944 US Tons) Horizontal Cold Chamber Aluminum/Magnesium Capable High Pressure Die Casting Machine	DCM-6156
Sold – Rimrock Model: Combo 305 70 inch Ladle & 410 60 inch stroke die sprayer 50 Pound pour capacity for Ladle and 60 inch stroke on Die Sprayer Combination Automatic Ladle & Reciprocating Die Sprayer Package	DCM-6157
Sold – Pyrotek Model: 2,860 pound bath capacity Low Energy High Efficiency Electric Heated Aluminum Holding Furnace	DCM-6158
Sold – Rimrock Auto Ladle-Sprayer	DCM-6160
Sold – Fanuc Extractor Robot	DCM-6161
Sold – Pyrotek Electric Holding Furnace	DCM-6162

Terms of Sale:

Price: **sold**

Shipping Terms: Ex-works

Questions? Call (847) 360-9170 and mention DCM-6159.

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Photos - DCM-6159

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



Photo 1 of DCM-6159 - view online

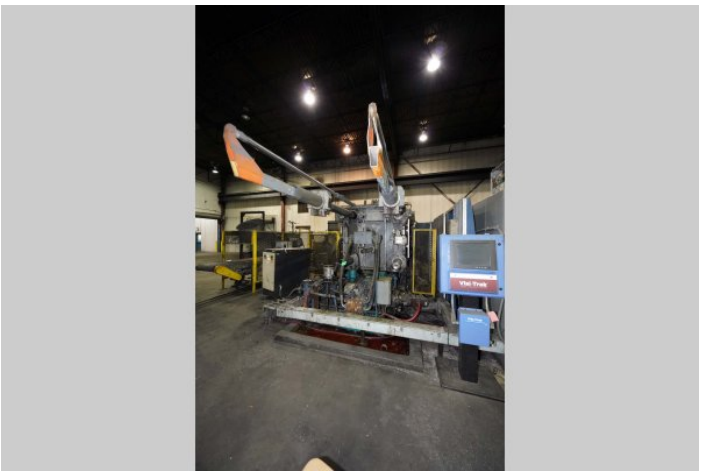

Photo 2 of DCM-6159 - view online

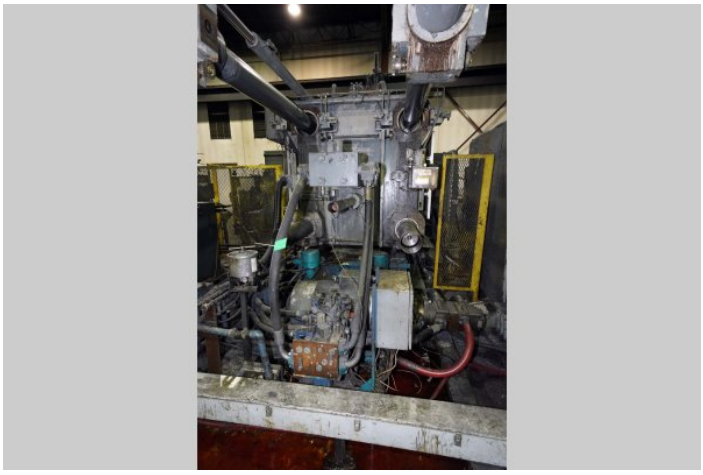

Photo 3 of DCM-6159 - view online



Photo 4 of DCM-6159 - view online



Photo 5 of DCM-6159 - view online



Photo 6 of DCM-6159 - view online

Photos - DCM-6159 (continued)

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Photo 7 of DCM-6159 - view online



Photo 8 of DCM-6159 - view online



Photo 9 of DCM-6159 - view online



Photo 10 of DCM-6159 - view online



Photo 11 of DCM-6159 - view online

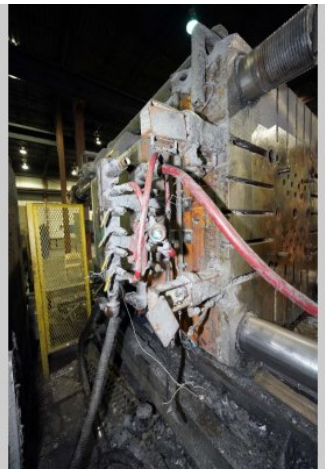

Photo 12 of DCM-6159 - view online

Photos - DCM-6159 (continued)

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Photo 13 of DCM-6159 - view online



Photo 14 of DCM-6159 - view online

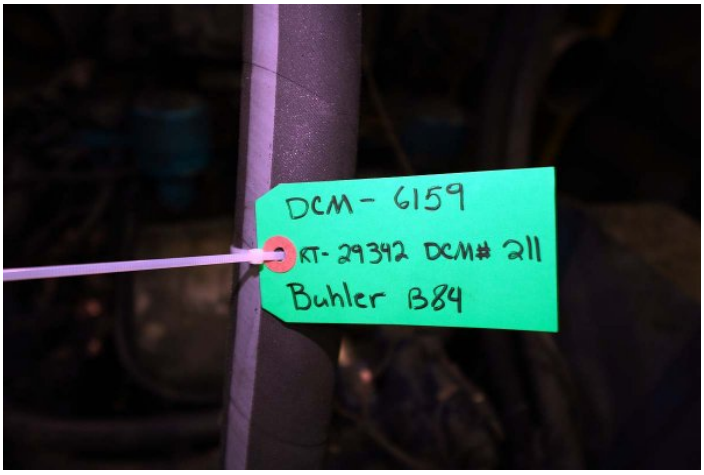

Photo 15 of DCM-6159 - view online

Description:

Used, Buhler Model Evolution 84 DL 856 Metric Tons (944 US Tons) Horizontal Cold Chamber Aluminum/Magnesium Capable High Pressure Die Casting Machine For_Sale, Features Include: Twin Cylinder Hydraulic Bumper Plate Ejection, Two (2) Auxiliary Hydraulic Core Circuits, One of Fixed Platen, one (1) on Moving Platen, Hydraulic Motorized Die Height Adjustment System, Top Operator Side Fully Automatic Tie Bar Pulling System with Electronic Tie Bar Strain Gauges, controls, second Hand, DCM-6159

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purchase.