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-5452

Used Buhler Model: Evolution Ev B 180 DL 1806 Metric Ton (18000 kN) 2023 U.S. Ton Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine

Status:	**Sold**
Manufacturer:	Buhler
Model:	Evolution Ev B 180 DL
Size:	1806 Metric Ton (18000 kN) 2023 U.S. Ton
ID Number:	DCM-5452

Buhler - Evolution Ev B 180 DL 1806 Metric Ton (18000 kN) 2023 U.S. Ton Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine, Buhler DataNet Controls

View this machine online: DCM-5452



Specifications

	U.S. Standard	Metric
Clamping Force:	2034 tons	18,000 kN (1806 Metric Ton)
Die Thickness (Minimum - Maximum):	34.1 to 71.1 inches	865 to 1800 mm
Platen Dimensions (horizontal x vertical):	83.1 x 83.1 inches	2100x 2100 mm
Clearance between tie bars:	55.1 x 55.1 inches	1400 mm
Moving Platen Stroke (maximum):	40.2 inches	1020 mm
Injection Plunger Stroke (maximum):	45.3 inches	1150 mm
Injection Positions:	0 to -16.53 inches	0 to -420 mm
Injection Force / Intensified:	63.6 / 171.6 tons	565 / 1526 kN
Maximum Ejector Force / Stroke:	56.5 tons / 9.44 inches	500 kN / 240 mm
Machine Controls:	Buhler Data@Net (Datanet)	Buhler Data@Net (DataNet)
Main Motor:	120 & 60 HP	90 & 45 kW
Machine Weight	228,000 pounds	103,600 kg

Features & Accessories:

- Complete Buhler Die Casting Cell with Data@Net Controls, Striko Dosing Furnace, ABB Robot Die Spray, ABB Robot Extractor, Automated Trim Press, etc.
- Fully Automatic Dual Automatic Tie Bar Pulling - Top Two Tie Bars
- Six Auxiliary Hydraulic Core Circuits - Four on Moving Platen - Two on Fixed Platen
- ABB IRB 6400S 2.9-120 Six Axis Fully Automatic Robot Die Spray System featuring Wollin Spray Cassette and Spray Nozzles
- Striko Westoffen W1700S ProDos Electric Heated Aluminum Dosing Furnace
- ABB IRB 6600/2.8-175 Six Axis Foundry Grade Industrial Robot Parts Extractor - Extracts Castings from Die Cast Machine, Water Quenches, Loads & Unloads Automated Trim Press
- Cell includes Quench Tank Cooling System with Heat Exchanger, 50 Ton Vertical Trim Press, Dual Zone Hot Oil Temperature Control Unit, Protective Fencing, etc.

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Terms of Sale:

Price: sold

Shipping Terms: Ex-works

Questions? Call (847) 360-9170 and mention DCM-5452.

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Photos - DCM-5452

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Photo 1 of DCM-5452 - view online



Photo 2 of DCM-5452 - view online



Photo 3 of DCM-5452 - view online

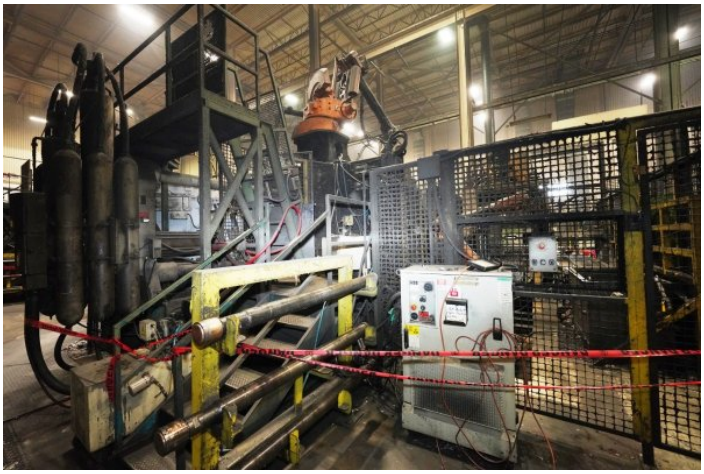

Photo 4 of DCM-5452 - view online

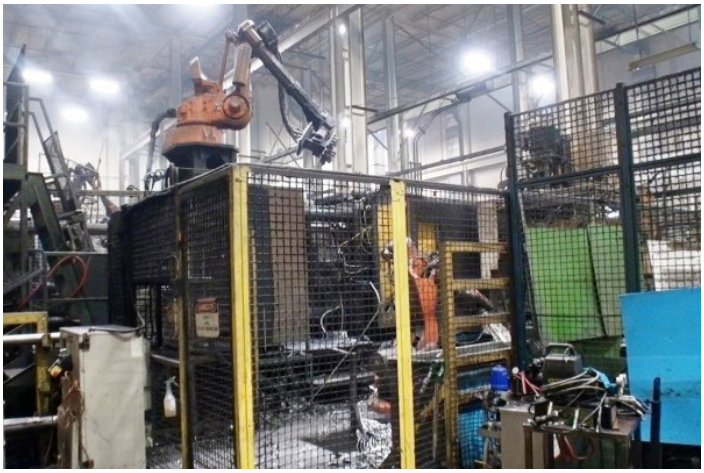

Photo 5 of DCM-5452 - view online



Photo 6 of DCM-5452 - view online

Photos - DCM-5452 (continued)

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Photo 7 of DCM-5452 - view online



Photo 8 of DCM-5452 - view online



Photo 9 of DCM-5452 - view online



Photo 10 of DCM-5452 - view online



Photo 11 of DCM-5452 - view online



Photo 12 of DCM-5452 - view online

Photos - DCM-5452 (continued)

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Photo 13 of DCM-5452 - view online



Photo 14 of DCM-5452 - view online

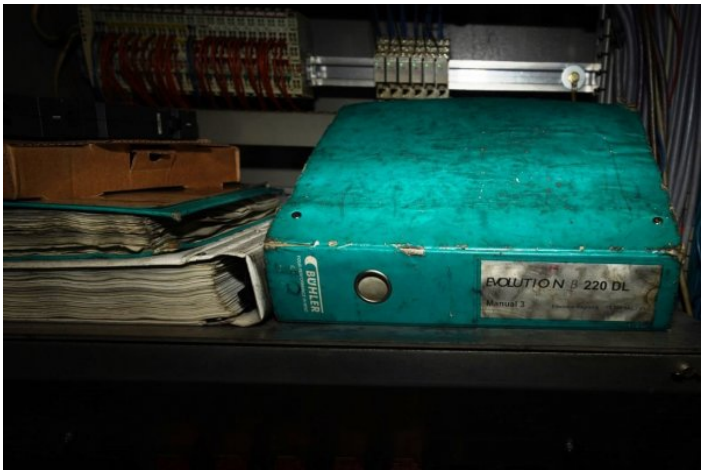

Photo 15 of DCM-5452 - view online



Photo 16 of DCM-5452 - view online



Photo 17 of DCM-5452 - view online



Photo 18 of DCM-5452 - view online

Photos - DCM-5452 (continued)

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Photo 19 of DCM-5452 - view online



Photo 20 of DCM-5452 - view online



Photo 21 of DCM-5452 - view online

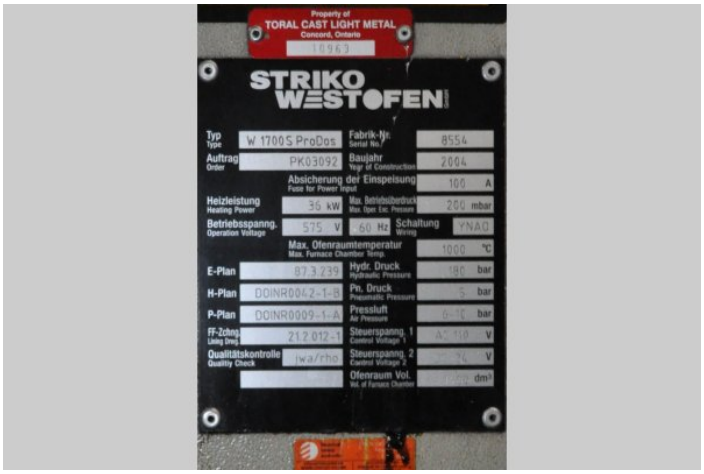

Photo 22 of DCM-5452 - view online



Photo 23 of DCM-5452 - view online

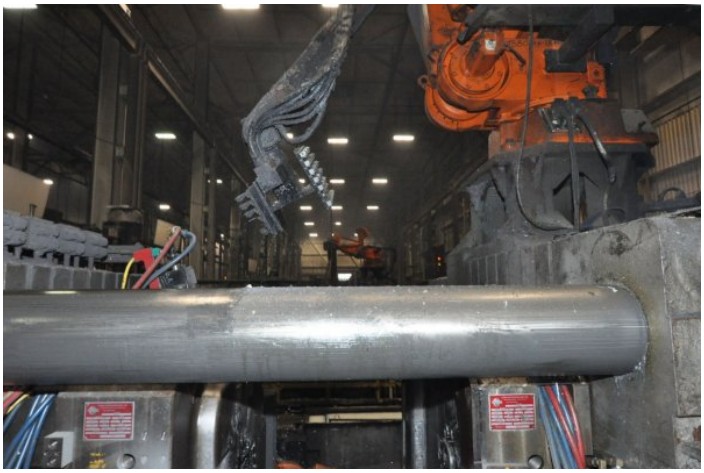

Photo 24 of DCM-5452 - view online

Photos - DCM-5452 (continued)

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Photo 25 of DCM-5452 - view online



Photo 26 of DCM-5452 - view online



Photo 27 of DCM-5452 - view online



Photo 28 of DCM-5452 - view online



Photo 29 of DCM-5452 - view online



Photo 30 of DCM-5452 - view online

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Description:

Used, Buhler Model Evolution Ev B 180 DL 1806 Metric Ton (18000 kN) 2023 U.S. Ton Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine For_Sale, Features Include: Fully Automatic Dual Automatic Tie Bar Pulling - Top Two Tie Bars, Six Auxiliary Hydraulic Core Circuits - Four on Moving Platen - Two on Fixed Platen, ABB IRB 6400S 2.9-120 Six Axis Fully Automatic Robot Die Spray System featuring Wollin Spray Cassette and Spray Nozzles, Striko Westoffen W1700S ProDos Electric Heated Aluminum Dosing Furnace, ABB IRB 6600/2.8-175 Six Axis Foundry Grade Industrial Robot Parts Extractor - Extracts Castings from Die Cast Machine, Water Quenches, Loads & Unloads Automated Trim Press, Cell includes Quench Tank Cooling System with Heat Exchanger, 50 Ton Vertical Trim Press, Dual Zone Hot Oil Temperature Control Unit, Protective Fencing, etc., Buhler DataNet controls, second Hand, DCM-5452

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.