DIE CAST MACHINERY LLC

3246 West Monroe Street
Waukegan, IL 60085-3029 USA
1-847-360-9170 Phone
www.diecastmachinery.com

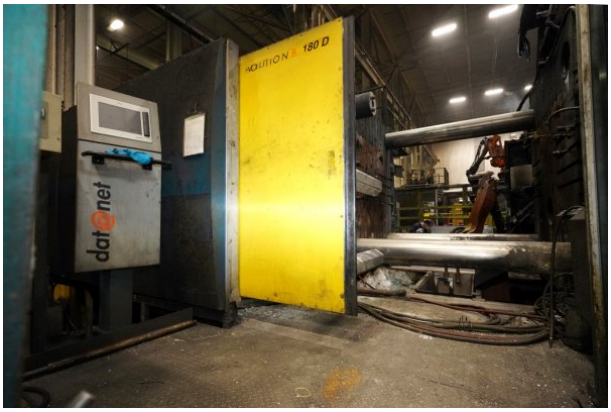
Die Cast Machinery, LLC Inventory number: DCM-5447

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-5447

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-5447



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
- ABBIRB 6650/3.2-125 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-5447.

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Photos - DCM-5447

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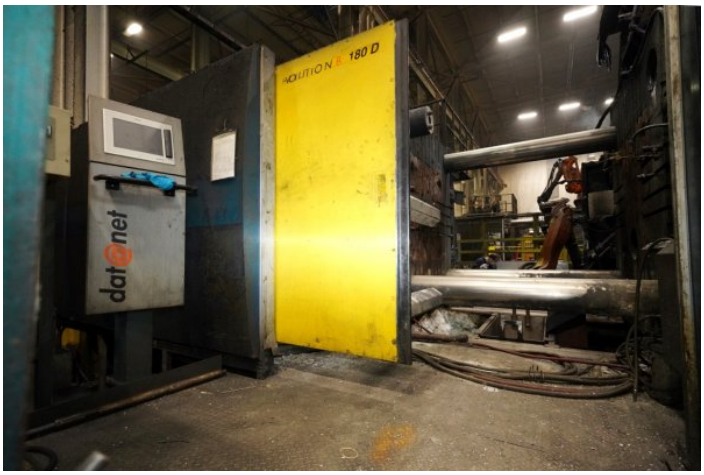

Photo 1 of DCM-5447 - view online



Photo 2 of DCM-5447 - view online



Photo 3 of DCM-5447 - view online



Photo 4 of DCM-5447 - view online

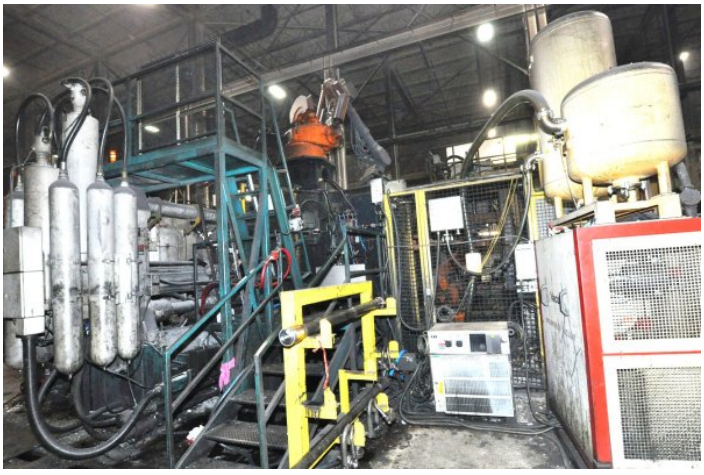

Photo 5 of DCM-5447 - view online

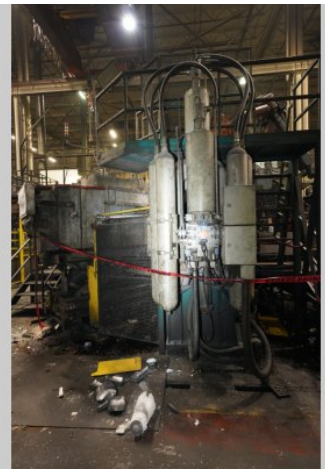

Photo 6 of DCM-5447 - view online

Photos - DCM-5447 (continued)

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Photo 7 of DCM-5447 - view online



Photo 8 of DCM-5447 - view online



Photo 9 of DCM-5447 - view online

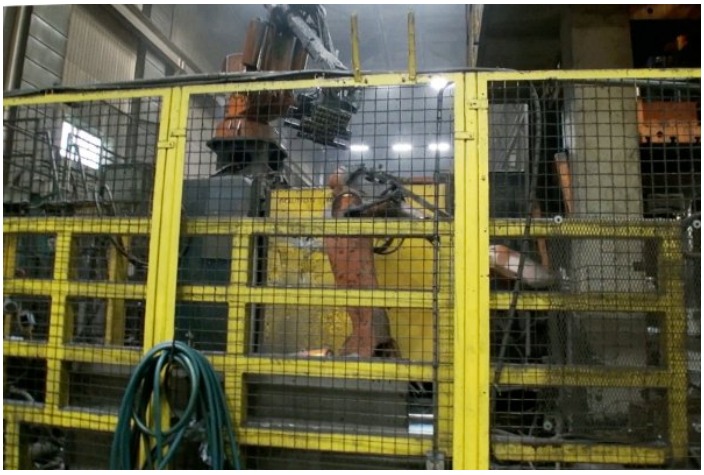

Photo 10 of DCM-5447 - view online



Photo 11 of DCM-5447 - view online



Photo 12 of DCM-5447 - view online

Photos - DCM-5447 (continued)

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Photo 13 of DCM-5447 - view online



Photo 14 of DCM-5447 - view online



Photo 15 of DCM-5447 - view online



Photo 16 of DCM-5447 - view online



Photo 17 of DCM-5447 - view online



Photo 18 of DCM-5447 - view online

Photos - DCM-5447 (continued)

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Photo 19 of DCM-5447 - view online



Photo 20 of DCM-5447 - view online



Photo 21 of DCM-5447 - view online



Photo 22 of DCM-5447 - view online



Photo 23 of DCM-5447 - view online



Photo 24 of DCM-5447 - view online

Photos - DCM-5447 (continued)

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Photo 25 of DCM-5447 - view online



Photo 26 of DCM-5447 - view online

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, ABBIRB 6650/3.2-125 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-5447

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