



Die Cast Machinery, LLC Inventory number ??: 5447

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

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

Model: Evolution Ev B 180 DL

Complete Buhler Die Casting Cell with Data@Net Controls, Striko Dosing Furnace, ABB Robot Die Spray, ABB Robot Extractor, Automated Trim Press, etc.

**Status: Sold**

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

- Features & Accessories:**
- 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.

**Terms of Sale:**

Price: [request quotation](#)

Shipping Terms: Ex-works

**Product Photos:**

*Click on any image for a larger view*









**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

**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.