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-5755

Used Buhler Model: Carat 280L compact 2800 Metric Tons (3,090 US Tons, 27,500 kn) Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine

Status:	**Sold**
Manufacturer:	Buhler
Model:	Carat 280L compact
Size:	2800 Metric Tons (3,090 US Tons, 27,500 kn)
ID Number:	DCM-5755

Buhler - Carat 280L compact 2800 Metric Tons (3,090 US Tons, 27,500 kn) Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine, Buhler Data@Net Controls

View this machine online: DCM-5755



Specifications

	U.S. Standard	Metric
Locking Force:	3,090 tons	27,500 kN - 2,804 Metric Tons
Platen Size (H x W)	97.63 x 97.63 inches	2,480 x 2,480
Clearance Between Tie Bars:	61.02 x 61.02 inches	1,550 x 1,540 mm
Die Thickness (minimum - maximum):	34.64 - 70.86 inches	880 - 1,800 mm
Die Stroke (maximum):	61.02 inches	1,550 mm
Central Ejection Stroke/Force	11.02 inches - 76.09 tons	280 mm - 680 kN - 69.3 Metric Tons
Shot Positions:	Center to -22.04 inches, Inserted, multi-positions	Center to -560 mm, Inserted, multi-positions
Shot Injection Stroke/Force (intensified)	51.18 inches - 232.5 tons	1,300 mm - 2,076 kN - 211 Metic Tons
Shot Weight (aluminum) Min & Max @ 60% fill	46.65 - 98.54 pounds	19.8 - 44.7 kg
Projected Area:	1,065 square inches @ 5,801 PSIG	6,875 square cm @ 400 BAR
Operating Power:	480/3/60	480/3/60
Machine Weight (approximate):	370,000 pounds	167,000 kg

Features & Accessories:

- New 20818- FULLY AUTOMATED: Fanuc 6 Axis Spray Robot with Wollin Spray System, Rauch Ingot Preheat, Melt and Dosing furnaces, Fanuc 6-Axis Extractor/Trim
  Press Load Robot with Automatic Quench, Meccanica 120 Trim Press and post-trim parts extract
- Buhler Carat Two Platen Design Featuring Toggle-Free Design elimnating Linkage plus Buhler Second Generation Digital Real-Time Shot Control with 40 curve points. Dual Tie Bar Pulling of top 2 tie bars.
- Six (6) Auxiliary Hydraulic Side Core Circuits - four (4) Core Circuits on Moving Platen - two (2) on Fixed Platen, Inserted Shot Position (allows for multiple shot positions), Hydraulic Bumper Plate Ejection System
- Rauch MVE-750E Ingot Preheater with Rauch MDO1100B Melting and Dosing furance with 1,100 kg/2,420 pounds per hour melt rate with Rauch Ingot Loading and Transfer System
- Fanuc R2000iC Six Axis Foundry Die Srpay Robot System with Wollin Spray Package, Fanuc R-2000iC six axis Foundry Rated Extract Robot with Quench Tank and Trim Press Load

- Meccanica PTCR120M 120 metric ton Automated Four Post Hydrauilc Trim Press with Shuttle Bed and Tilt-Bed, side core punch circuits, automated parts unloader, air-blow, post-trim parts convenor

Terms of Sale:

Price: sold
Shipping Terms: Ex-works
Questions? Call (847) 360-9170 and mention DCM-5755.

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Photos - DCM-5755

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



Photo 1 of DCM-5755 - view online

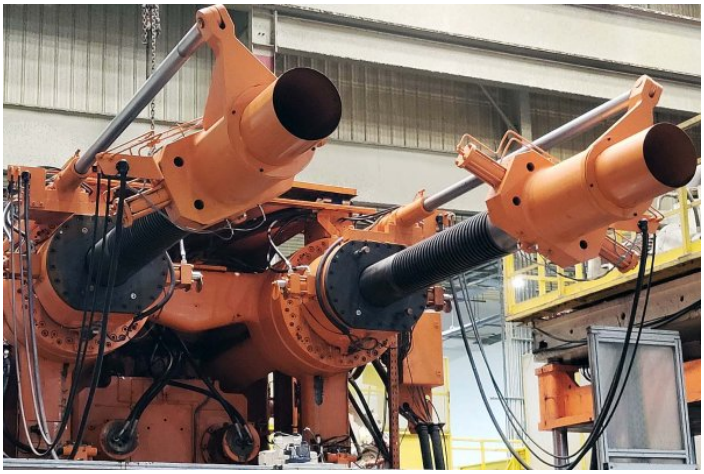

Photo 2 of DCM-5755 - view online

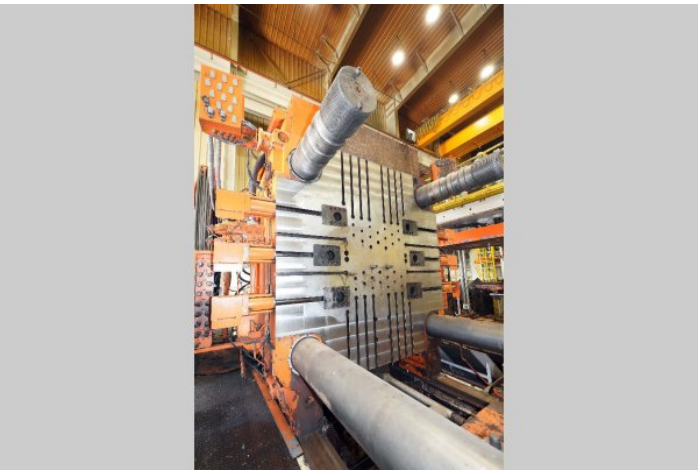

Photo 3 of DCM-5755 - view online

Description:

Used, Buhler Model Carat 280L compact 2800 Metric Tons (3,090 US Tons, 27,500 kn) Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine For_Sale, Features Include: Buhler Carat Two Platen Design Featuring Toggle-Free Design elimnating Linkage plus Buhler Second Generation Digital Real-Time Shot Control with 40 curve points. Dual Tie Bar Pulling of top 2 tie bars., Six (6) Auxiliary Hydraulic Side Core Circuits - four (4) Core Circuits on Moving Platen - two (2) on Fixed Platen, Inserted Shot Position (allows for multiple shot positions), Hydraulic Bumper Plate Ejection System, Rauch MVE-750E Ingot Preheater with Rauch MDO1100B Melting and Dosing furance with 1,100 kg/2,420 pounds per hour melt rate with Rauch Ingot Loading and Transfer System, Fanuc R2000iC Six Axis Foundry Die Srpay Robot System with Wollin Spray Package, Fanuc R-2000iC six axis Foundry Rated Extract Robot with Quench Tank and Trim Press Load, Meccanica PTCR120M 120 metric ton Automated Four Post Hydrauilc Trim Press with Shuttle Bed and Tilt-Bed, side core punch circuits, automated parts unloader, air-blow, post-trim parts convenor, Buhler Data@Net controls, second Hand, DCM-5755

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