DIE CAST MACHINERY LLC

3246 West Monroe Street
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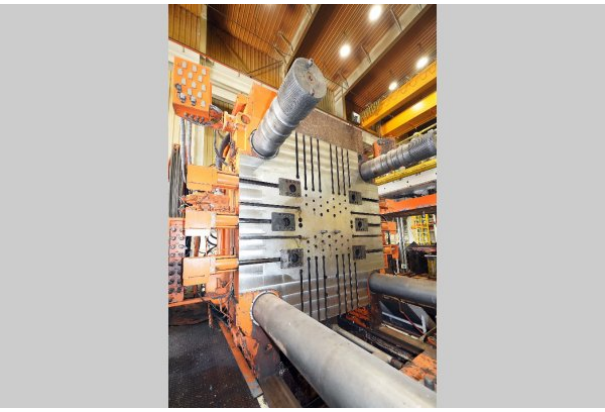
Die Cast Machinery, LLC Inventory number: DCM-5754

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-5754

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-5754



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):	348,330 pounds	158,000 kg

Features & Accessories:

- New 2017 - 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.
- Eight (8) Auxiliary Hydraulic Side Core Circuits - Six (6) 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 MDO1100R Melting and Dosing furance with 1,100 kg/2,420 pounds per hour melt rate
- Fanuc Six Axis Foundry Die Srpay Robot System with Wollin Spray Package and Wollin Proportional Die Lube Mixing System, Fanuc R-2000iC six axis Foundry Rated Extract Robot with Quench Tank and Trim Press Load

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- Meccanica PTCR120M 120 metric ton Automated Four Post Hydrauilc Trim Press with 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-5754.

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Photos - DCM-5754

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

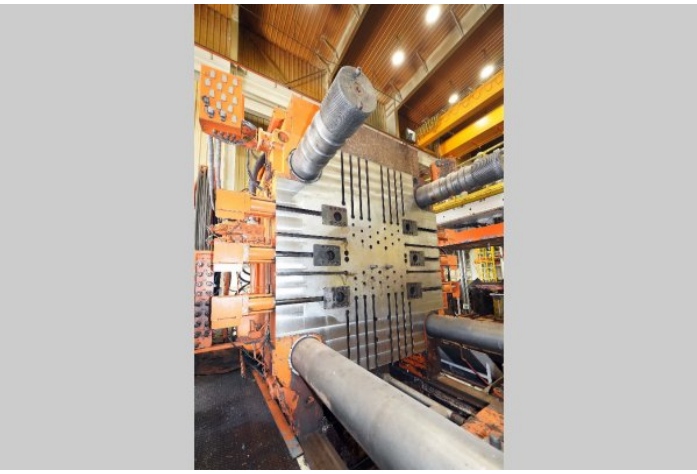

Photo 1 of DCM-5754 - view online



Photo 2 of DCM-5754 - view online



Photo 3 of DCM-5754 - 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., Eight (8) Auxiliary Hydraulic Side Core Circuits - Six (6) 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 MDO1100R Melting and Dosing furance with 1,100 kg/2,420 pounds per hour melt rate, Fanuc Six Axis Foundry Die Srpay Robot System with Wollin Spray Package and Wollin Proportional Die Lube Mixing System, 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 side core punch circuits, automated parts unloader, air-blow, post-trim parts convenor, Buhler Data@Net controls, second Hand, DCM-5754

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.