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-5740

Used Frech Model: DAK 450-54 RC 509 Metric Tons (561 US Tons, 5000 kn) Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine

Status:	**Sold**
Manufacturer:	Frech
Model:	DAK 450-54 RC
Size:	509 Metric Tons (561 US Tons, 5000 kn)
ID Number:	DCM-5740

Frech - DAK 450-54 RC 509 Metric Tons (561 US Tons, 5000 kn) Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine, Frech Controls

View this machine online: DCM-5740



Specifications

	U.S. Standard	Metric
Locking Force:	561 tons	5,000 kN - 509 Metric Tons
Tie Bar Diameter:	5.31 inches	135 mm
Clearance Between Tie Bars:	26.57 x 26.57 inches	675 x 675 mm
Die Thickness (minimum - maximum):	11.81 - 31.49 inches	300 - 800 mm
Die Stroke (maximum):	23.57 inches	675 mm
Moving Platen Size:	41.73 x 41.73 inches	1,060 x 1,060 mm
Shot Positions:	Center to -11.02 inches, Inserted, multi-positions	Center to -280 mm, multi-positions
Shot Injection Stroke/Force	19.68 inches - 45.97 tons	500 mm - 548 kN
Central Ejection Stroke/Force	4.92 inches - 27.08 tons	150 mm - 241 kN - 24.57 Metric Tons
Main Pump Motor:	40 HP	30 kw
Machine Size, Length, Width, Height:	23.5 x 8.83 x 10.25 feet	7.170 x 2.700 x 3.140 mm
Machine Weight (approximate):	44,000 pounds	20,000 kg

Features & Accessories:

- New 2016 - FULLY AUTOMATED: ABB IRB 2600 Spray Robot with Wollin Spray System, Meltec AVDF Furnace & Dosing System, ABB 4600
  Extractor/Trim Press
  Load Robot with Automatic Quench, Tecnopres KPZ 30 Trim Press and post-trim parts conveyor.
- Frech DataDialog-RC Real-Time Controled Injection System with Closed loop Servo Controlled Injection with up to 12 velocity and 10 pressure profile inputs.
- Five (5) Auxiliary Hydraulic Side Core Circuits - Three (3) Core Circuit on Moving Platen - two (2) on Fixed Platen, Inserted Shot Position (allows for multiple shot positions), Hydraulic Bumper Plate Ejection System
- MelTec AVDF 600/3000 21 kw/600 kg (1,322 pounds) 400 kg (880 pound) usable, Electric Holding Furnace with integrated Meltec Meltronic AVDU Vacuum Dosing Unit; dosing (Ladle) unit capacity 700 - 3000 grams (1.54 - 6.6 pounds)
- ABB 2600 Six Axis Foundry Die Srpay Robot System with Wollin PSR2 Spray Package and Wollin MDA 20 Proportional

Die Lube Mixing System, ABB 4600-45 six axis Foundry Rated Extract Robot with Quench Tank and Trim Press Laod

- Tecnopress KZP 3030 metric ton Automated Four Post Hydrauilc Trim Press 950 mm (37.4 inch) Tie Bar Clearance, 1200 mm (47.2 inch) Daylight 15 kw (20 hp), with side core punch circuits, automated parts unloader, air-blow, post-trim parts convenory.

Terms of Sale:

Price: sold
Shipping Terms: Ex-works
Questions? Call (847) 360-9170 and mention DCM-5740.

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Photos - DCM-5740

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Photo 1 of DCM-5740 - view online



Photo 2 of DCM-5740 - view online



Photo 3 of DCM-5740 - view online



Photo 4 of DCM-5740 - view online



Photo 5 of DCM-5740 - view online



Photo 6 of DCM-5740 - view online

Photos - DCM-5740 (continued)

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Photo 8 of DCM-5740 - view online



Photo 9 of DCM-5740 - view online



Photo 10 of DCM-5740 - view online



Photo 11 of DCM-5740 - view online



Photo 12 of DCM-5740 - view online

Photos - DCM-5740 (continued)

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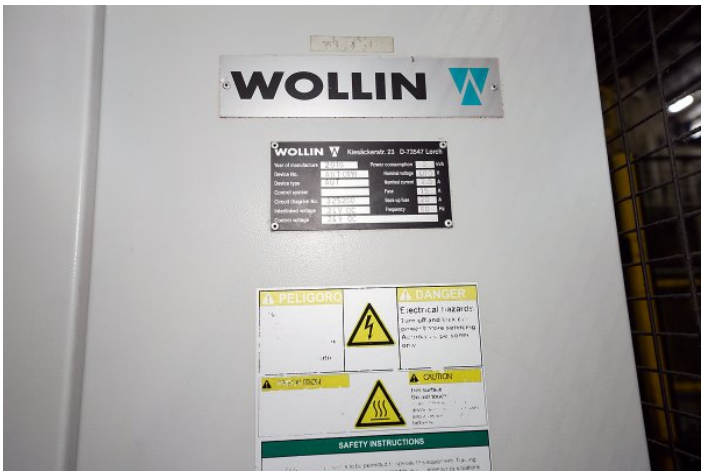

Photo 13 of DCM-5740 - view online

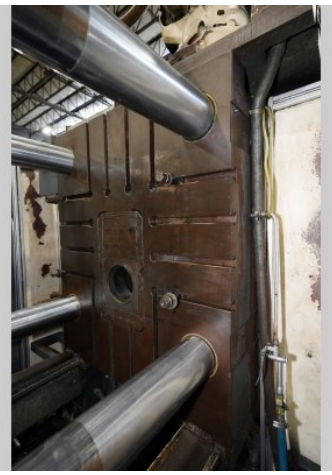

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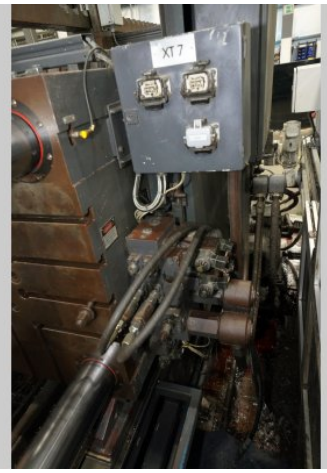
Photo 15 of DCM-5740 - view online



Photo 16 of DCM-5740 - view online



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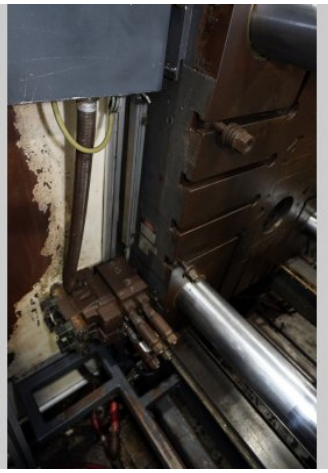

Photo 18 of DCM-5740 - view online

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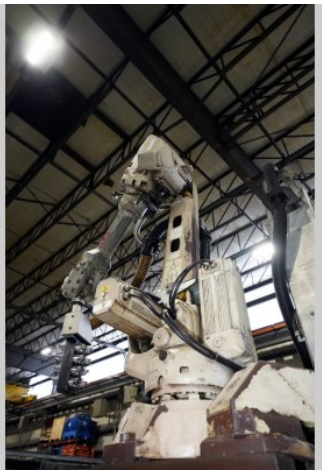

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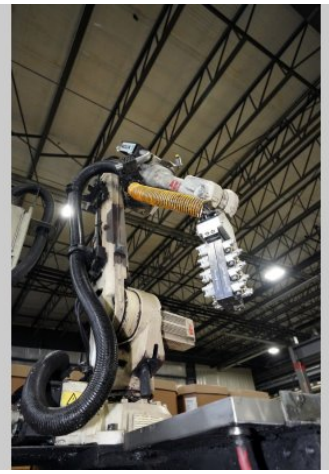

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Photo 22 of DCM-5740 - view online



Photo 23 of DCM-5740 - view online



Photo 24 of DCM-5740 - view online

Photos - DCM-5740 (continued)

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Photo 26 of DCM-5740 - view online



Photo 27 of DCM-5740 - view online



Photo 28 of DCM-5740 - view online



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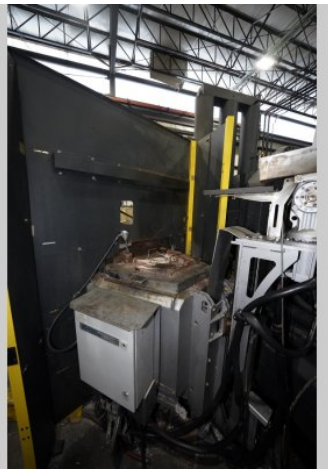

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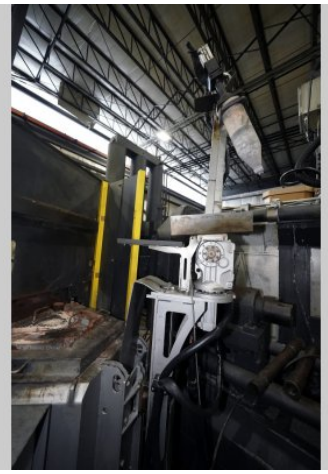

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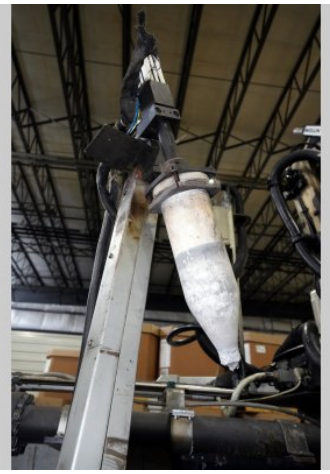

Photo 32 of DCM-5740 - view online



Photo 33 of DCM-5740 - view online



Photo 34 of DCM-5740 - view online



Photo 35 of DCM-5740 - view online



Photo 36 of DCM-5740 - view online

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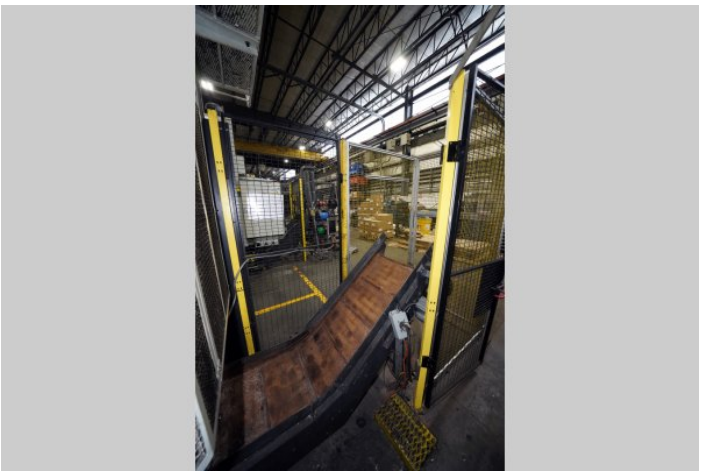

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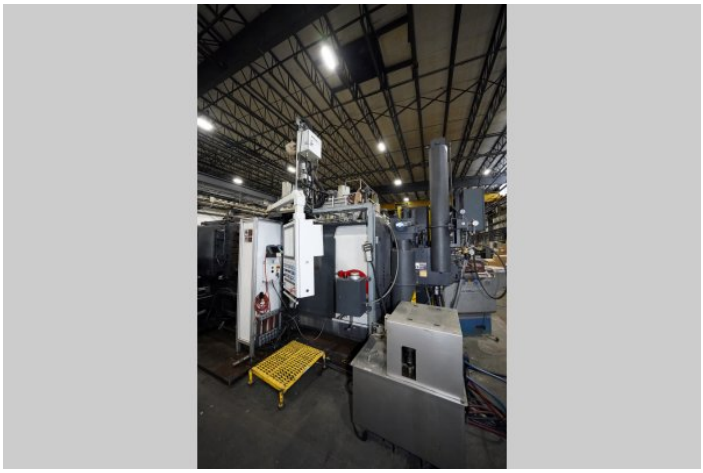
Photo 39 of DCM-5740 - view online



Photo 40 of DCM-5740 - view online



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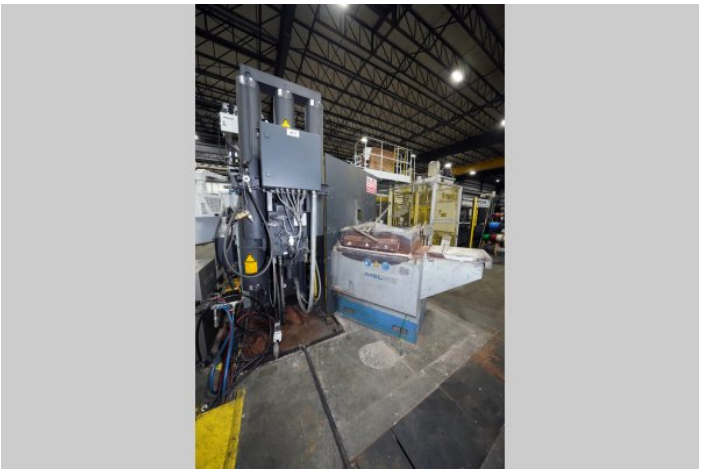

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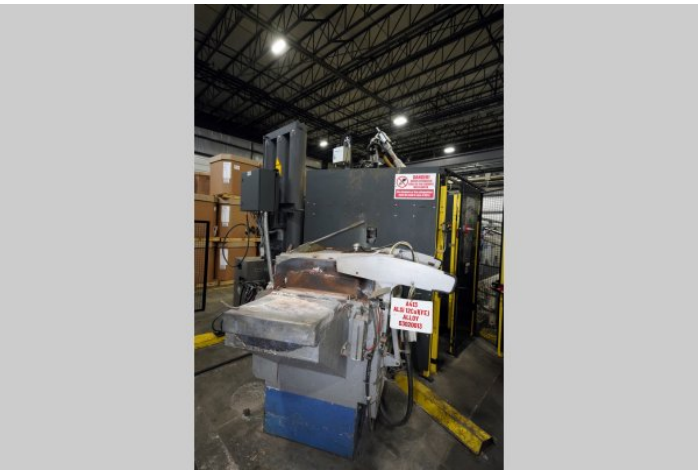

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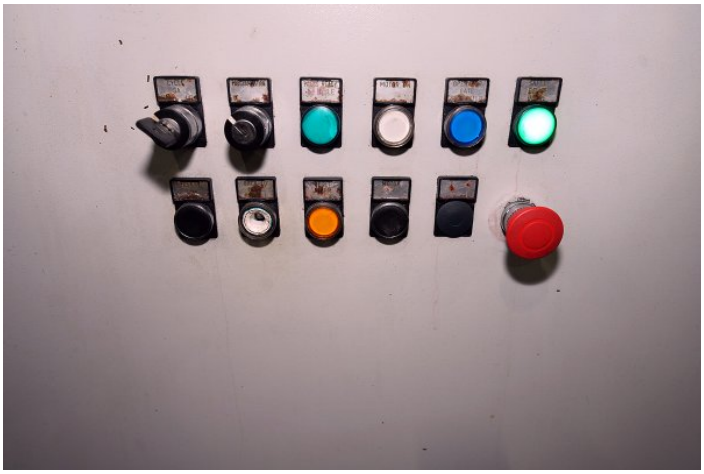

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Description:

Used, Frech Model DAK 450-54 RC 509 Metric Tons (561 US Tons, 5000 kn) Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine For_Sale, Features Include: Frech DataDialog-RC Real-Time Controled Injection System with Closed loop Servo Controlled Injection with up to 12 velocity and 10 pressure profile inputs., Five (5) Auxiliary Hydraulic Side Core Circuits - Three (3) Core Circuit on Moving Platen - two (2) on Fixed Platen, Inserted Shot Position (allows for multiple shot positions), Hydraulic Bumper Plate Ejection System, MelTec AVDF 600/3000 21 kw/600 kg (1,322 pounds) 400 kg (880 pound) usable, Electric Holding Furnace with integrated Meltec Meltronic AVDU Vacuum Dosing Unit; dosing (Ladle) unit capacity 700 - 3000 grams (1.54 - 6.6 pounds), ABB 2600 Six Axis Foundry Die Srpay Robot System with Wollin PSR2 Spray Package and Wollin MDA 20 Proportional Die Lube Mixing System, ABB 4600-45 six axis Foundry Rated Extract Robot with Quench Tank and Trim Press Laod, Tecnopress KZP 3030 metric ton Automated Four Post Hydrauilc Trim Press 950 mm (37.4 inch) Tie Bar Clearance, 1200 mm (47.2 inch) Daylight 15 kw (20 hp), with side core punch circuits, automated parts unloader, air-blow, post-trim parts convenory., Frech controls, second Hand, DCM-5740

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