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-5745

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

Used Frech Model: DAK -830-71 RC 846 Metric Tons (932 US Tons, 8300 kn) Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine

Status:	**Available**
Manufacturer:	Frech
Model:	DAK -830-71 RC
Size:	846 Metric Tons (932 US Tons, 8300 kn)
ID Number:	DCM-5745

Frech - DAK -830-71 RC 846 Metric Tons (932 US Tons, 8300 kn) Horizontal Cold Chamber Aluminum High Pressure Die Casting Machine, Frech Controls

View this machine online: DCM-5745



Specifications

	U.S. Standard	Metric
Locking Force:	932 tons	8,.00 kN - 846 Metric Tons
Tie Bar Diameter:	6.49 inches	165 mm
Clearance Between Tie Bars:	36.41 x 36.41 inches	925 x 925 mm
Die Thickness (minimum - maximum):	13.77 - 39.37 inches	350 - 1,000 mm
Die Stroke (maximum):	32.48 inches	825 mm
Moving Platen Size:	55.11 x 55.11 inches	1,400 x 1,1400 mm
Shot Positions:	Center to -13.77 inches, Inserted, multi-positions	Center to -350 mm, multi-positions
Shot Injection Stroke/Force	27.55 inches - 80.13 tons	700 mm - 713 kN - 72.70 Metic Tons
Central Ejection Stroke/Force	7.08 inches - 40.90 tons	180 mm - 364 kN - 37.11 Metric Tons
Main Pump Motor:	60 HP	45 kw
Machine Weight (approximate):	81,350 pounds	36,900 kg

Features & Accessories:

- New 2017 - FULLY AUTOMATED: ABB IRB 4600 Spray Robot with Wollin Spray System, Meltec AVDF Furnace & Dosing System, ABB 4600
  Extractor/Trim Press
  Load Robot with Automatic Quench, Tecnopres KPZ 40 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.
- Four (4) Auxiliary Hydraulic Side Core Circuits - Two (2) 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 900/5000 24 kw/900 kg (1,984 pounds) 600 kg usable (1,322 pound usable) Electric Holding Furnace with integrated Meltec Meltronic AVDU Vacuum Dosing (Ladle) unit capacity 1,500 - 5000 grams (3.30 to 11.23 pounds)
- ABB 4600 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 Load

- Tecnopress KZP 4040 metric ton Automated Four Post Hydrauilc Trim Press 1,000 mm (39.37 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 convenor

Terms of Sale:

Price: request quotation
Shipping Terms: Ex-works
Questions? Call (847) 360-9170 and mention DCM-5745.

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Photos - DCM-5745

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Photo 1 of DCM-5745 - view online



Photo 2 of DCM-5745 - view online

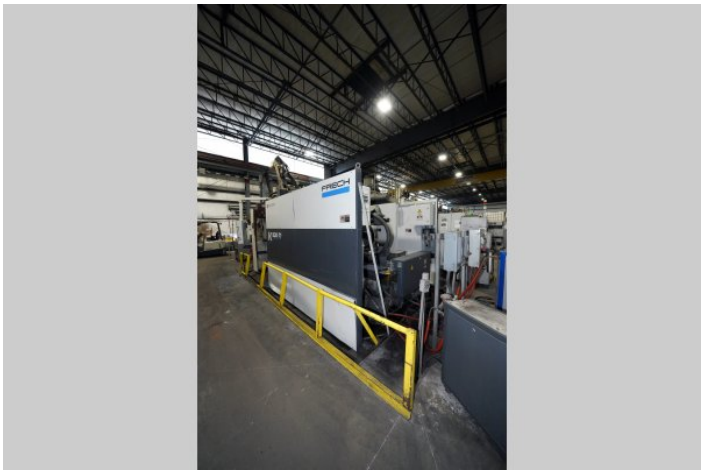


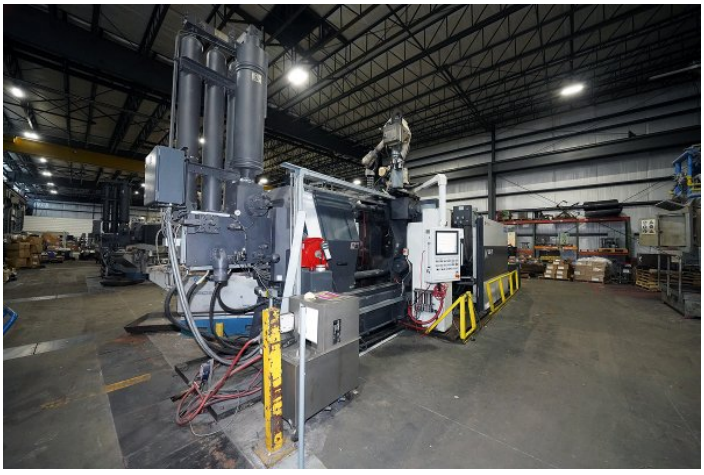
Photo 3 of DCM-5745 - view online



Photo 4 of DCM-5745 - view online



Photo 5 of DCM-5745 - view online



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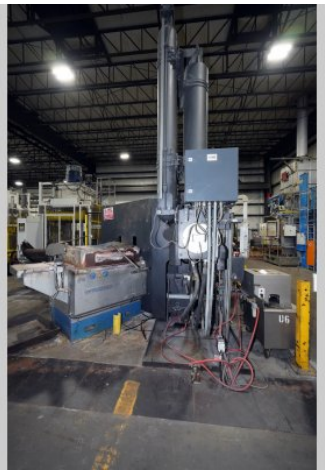

Photo 7 of DCM-5745 - view online



Photo 8 of DCM-5745 - view online



Photo 9 of DCM-5745 - view online



Photo 10 of DCM-5745 - view online



Photo 11 of DCM-5745 - view online



Photo 12 of DCM-5745 - view online

Photos - DCM-5745 (continued)

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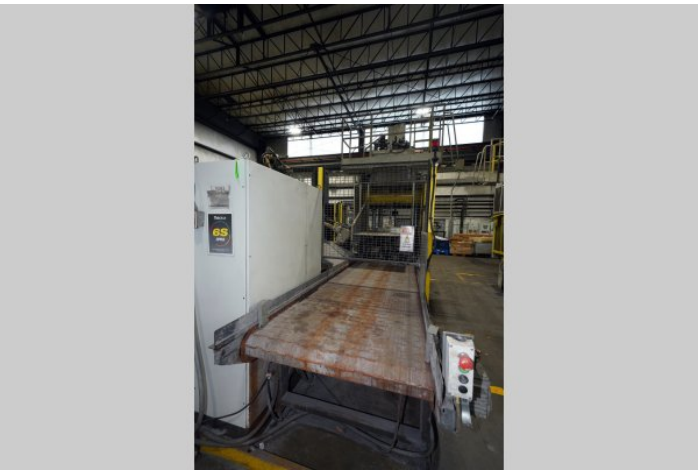

Photo 13 of DCM-5745 - view online



Photo 14 of DCM-5745 - view online



Photo 15 of DCM-5745 - view online



Photo 16 of DCM-5745 - view online



Photo 17 of DCM-5745 - view online



Photo 18 of DCM-5745 - view online

Photos - DCM-5745 (continued)

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Photo 20 of DCM-5745 - view online



Photo 21 of DCM-5745 - view online



Photo 22 of DCM-5745 - view online



Photo 23 of DCM-5745 - view online

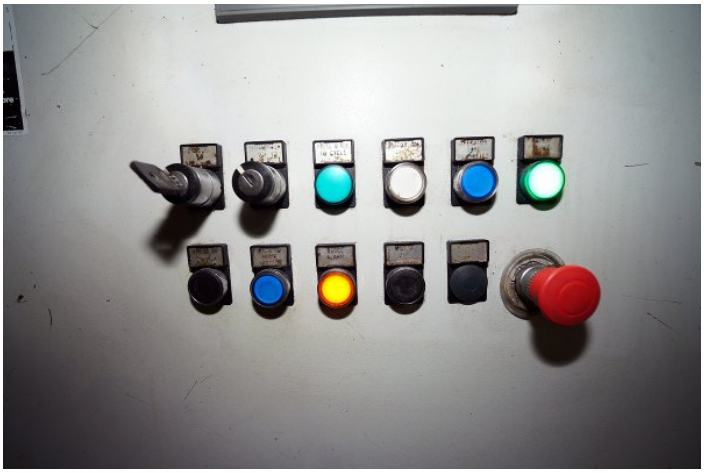

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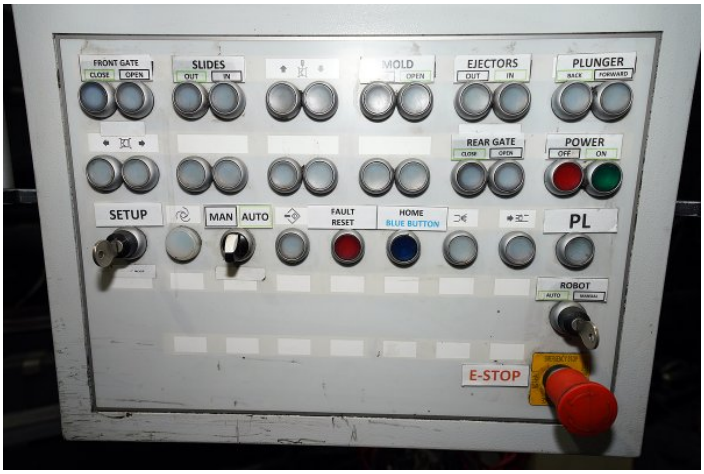
Photo 26 of DCM-5745 - view online



Photo 27 of DCM-5745 - view online



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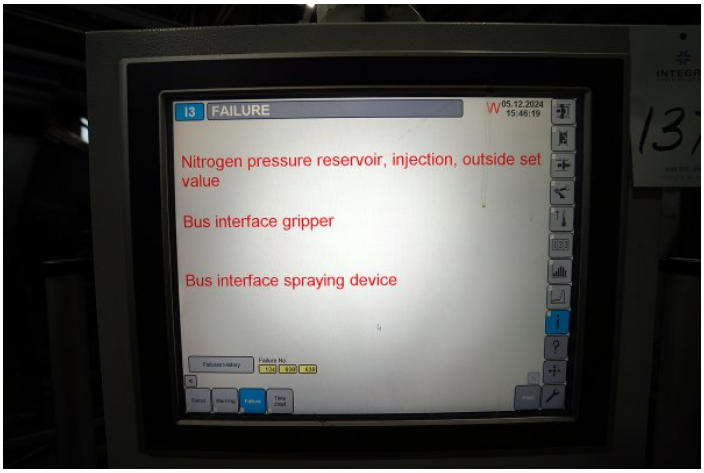

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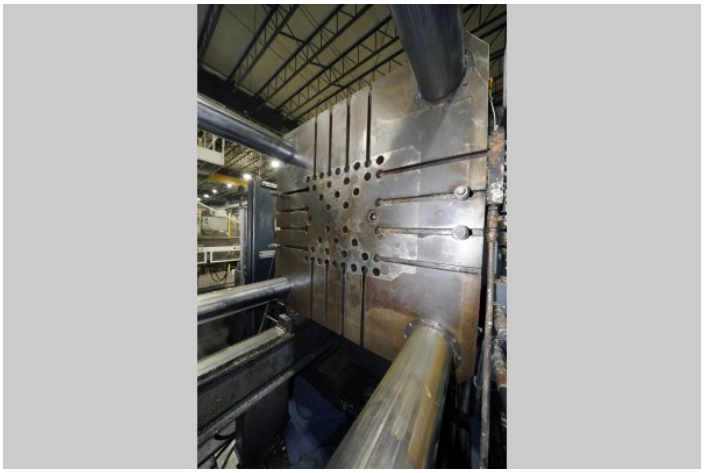

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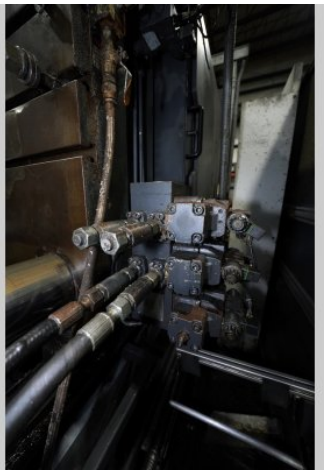

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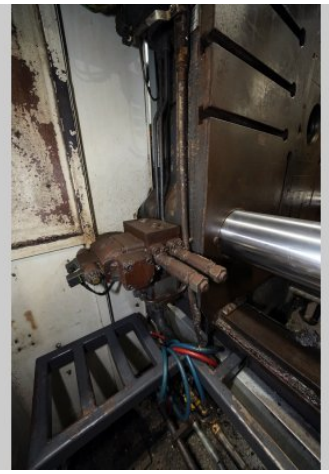

Photo 33 of DCM-5745 - view online



Photo 34 of DCM-5745 - view online



Photo 35 of DCM-5745 - view online



Photo 36 of DCM-5745 - view online

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Photo 38 of DCM-5745 - view online



Photo 39 of DCM-5745 - view online



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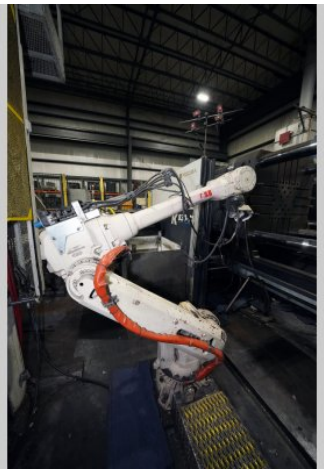

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Photo 42 of DCM-5745 - view online

Photos - DCM-5745 (continued)

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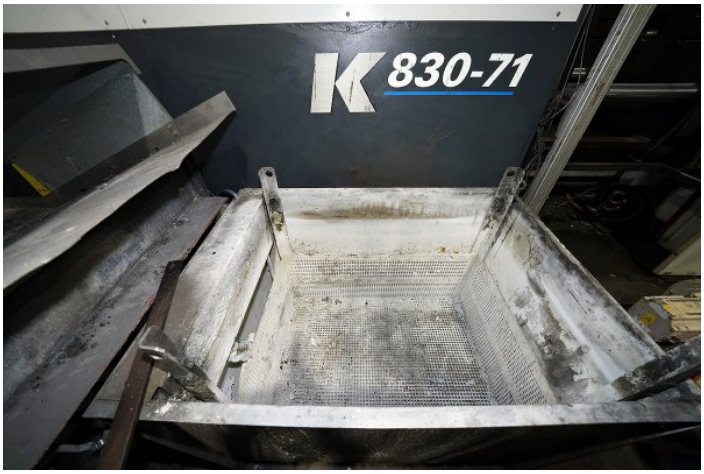

Photo 43 of DCM-5745 - view online



Photo 44 of DCM-5745 - view online

Description:

Used, Frech Model DAK -830-71 RC 846 Metric Tons (932 US Tons, 8300 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., Four (4) Auxiliary Hydraulic Side Core Circuits - Two (2) 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 900/5000 24 kw/900 kg (1,984 pounds) 600 kg usable (1,322 pound usable) Electric Holding Furnace with integrated Meltec Meltronic AVDU Vacuum Dosing (Ladle) unit capacity 1,500 - 5000 grams (3.30 to 11.23 pounds), ABB 4600 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 Load, Tecnopress KZP 4040 metric ton Automated Four Post Hydrauilc Trim Press 1,000 mm (39.37 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 convenor, Frech controls, second Hand, DCM-5745

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.