

2-DAY PUBLIC AUCTION

Online and Webcast Only | No Onsite Bidding

D&F Corporation – Complete Plant Closure Due to Retirement of Owner

PROTOTYPE AND SPECIAL MACHINE DESIGN AND MANUFACTURING COMPANY

Late Model CNC Doosan, DMG Deckel Maho, Tarus, Ken-Ichi, Johnford CNC Machining,
Duplicators, Boring Mills, DeVlieg Jigmils as late as 2022.

Over 30 Bridgeport EZ-Trak and Series I, Alliant, Acer Variable Speed Manual and
CNC Vertical Mills, Hexagon and Faro Portable CMM and Laser Arms to 2021 (\$350,000 Cost),
Tarus Bridge Type CMM's, Over 50 Granite Layout Plates.



DAY 1 – Webcast Auction: Wednesday, August 6th @ 10am ET
DAY 2 – Online Auction: Ends Thursday, August 7th @ 10am ET

INSPECTION: Monday & Tuesday, August 4th & 5th, from 9am to 4pm ET Each Day

ASSET LOCATION: 42455 Merrill Road, Sterling Heights, MI 48314



DOOSAN DVF6500 5-Axis CNC Vertical Machining Centers

For Further Information Email: customerservice@maynards.com

SALE CONDUCTED BY:

Maynards
SINCE 1902
AUCTIONS | LIQUIDATIONS | APPRAISALS

17177 N. Laurel Park Drive, Suite 236
Livonia, MI 48152
248.569.9781 | maynards.com

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BidSpotter

CNC VERTICAL MACHINING CENTERS & BRIDGE MILLS

- **(2) Doosan DVF6500 5-Axis CNC Vertical Machining Centers**, S/Ns MV0127-00011 and MV0127-000086, (2022 & 2021), Fanuc 31i-Model B5 CNC Control; Renishaw RMP600 "Strain Gauge" Spindle Probe; 18,000 RPM CAT 40 Dual Contact Big Plus Spindle; 60 Position Side Mounted ATC; Through Spindle Coolant; Air Through Spindle; Spindle Oil Chiller; Osung Type OHN-009D Chip Conveyor
- **DMG Deckel Maho HSC 105 Linear 5-Axis High Speed Cutting Precision Center**, S/N 29190001844/2538593 (2008), Rotary Swivel Table Clamping Surface Rotary Axis 950 mm dia; Travels: X 1110 mm, Y 800 mm, Z 600 mm, A Min/Max -10/+110, C nx 360; Tilting/Vertical Milling Head; Spindle Taper HSK A63; Spindle Speeds 20-18,000; DMG Mori ERGOline Control; Heidenhain iTNC 530; 120 Position ATC; Probing System; Filtration System
- **DMG Deckel Maho DMU 70 eVolution 5-Axis CNC Vertical Machining Center**, S/N 15035705854, (2002), Table 19.5" x 26"; Spindle Taper HSK E 50; Laser Control NT Optical Measuring System; Blechtechnik DMU 70EV 32WZ Chip Conveyor. **Please Note:** This machine is a 5 axis machine, however, due to the B axis not working, it is currently being used as a 4 axis machine. The parts required to repair the B axis to full 5 axis capabilities have been purchased from DMG and are on site. All purchased parts will be provided with the machine to the buyer and it will be up to the buyer to replace the inoperable parts with the replacement parts. This machine, like all other machines in this sale, will be sold "As-Is, Where Is, with all faults and without any guarantees or warranties."
- **Ken-Ichi Focus 5-2022 5-Axis CNC Bridge Mill**, (2018), Table 86-1/2" x 51", Two-Axis Head TCH-19 IM; Spindle Taper HSK45A-63; 40 Position ATC; Heidenhain Drives; Habor HWK-V3RPTSBM5 Chiller, S/N LC306359; Betake Production Co 10" Chip Conveyor, S/N 2022015
- **Johnford VMC-1600 HD CNC Heavy Duty Vertical Machining Center**, S/N VCB 5148 (2005), Table 71" x 29-1/2"; Travels: X - 63", Y - 33.5", Z - 28"; Spindle - 50 Taper; Fanuc Oi-MC CNC Control; Renishaw Probing, Chip Conveyor; Haber HBO-750BSP Chiller, S/N 81124
- **1998 Johnford SV-45H CNC Vertical Machining Center**, S/N VU8027, (1998), Table 48" x 19.7", Travels: X 45", Y 20.9", Z 24.8"; Spindle 50 Taper; 24 Pos Side Mount ATC; Spindle Speed 6,000 Max; Fanuc 18-M CNC Control
- **Tarus HS 8412/48 CNC Bridge Mill**, S/N HSDC1609034, T-Slotted Table 72" x 120"; Distance Between Uprights 84", Approx. Travels: X 120", Y 114", Z 44"; Spindle Taper Cat 50; Spindle Speed 7,500 RPM; Tarus Control S/N MBX-92; Koolant Koolers Chiller (Tarus 3)
- **Tarus CNC Bridge Mill**, S/N TPRHSMCNC2568464, T-Slotted Table 72" x 120", Distance Between Uprights 96", Approx. Travels: X 120", Y 114", Z 44"; Spindle Taper Cat 50; Spindle Speed 7,500 RPM; Hope Industrial System Controls; Tarus Control HSDC 1609034, Control; Koolant Koolers Chiller (Tarus 2)
- **Tarus DU8412CL CNC Openside Duplicating Mill**, S/N TPRDUPCNC2217337, T-Slotted Table 120" x 72"; Tarus Control TPI-2000; Fanuc 8S/8000 Spindle Drive, S/N DUP930153CL
- **Leadwell MCV-1300S 3-Axis CNC Vertical Machining Center**, S/N 6660, Table 87" x 27-1/2"; Centroid M400 CNC Control
- **Tarus Table Type Horizontal Boring Mill**
- **DeVlieg 4K-96 Spiramatic Jig Mill**, S/N 10102, Table 96" x 50"; Approx. Travels: X 96" Table Cross Travel, Y 60" Vertical Head Travel, Z 20" Spindle Travel; Spindle 4"; Diatrol V Control; Heidenhain DRO
- **Right Angle Spindle, Indexing Heads and Rotary Tables**

2021 & 2022



DOOSAN DVF6500 5-Axis CNC Vertical Machining Centers

2008



DMG Deckel Maho HSC 105 Linear 5-Axis High Speed Cutting Precision Center



DMG Deckel Maho DMU 70 eVolution 5-Axis CNC Vertical Machining Center

2018



KEN-ICHI Focus 5-2022 5-Axis CNC Bridge Mill

CNC VERTICAL MACHINING CENTERS & BRIDGE MILLS (Continued)



JOHNFORD VMC-1600 HD CNC Heavy Duty Vertical Machining Center



JOHNFORD SV-45H CNC Vertical Machining Center



TARUS Duplicating Mills



TARUS Table Type Horizontal Boring Mill



DEVLIEG 4K-96 Spiramatic Jig Mill

PORTABLE MEASUREMENT ARMS & COORDINATE MEASURING MACHINES

- **Hexagon RA8 v1 Portable Measurement Arm**, S/N 8535-7-10942 UC, (2021) w/RS6 Laser Scanner (Arm 42)
- **Hexagon RA8 v1 Portable Measurement Arm**, S/N 8535-7-11314-UC, (2021) w/AS1 Absolute Scanner (Arm 14)
- **Faro Vantage S6 Laser Tracker**, S/N V30001807140, (2018), with Faro 6Probe, Capacity 30 Meter
- **Faro 15037 Rolling Stand**, S/N 00022430; Faro Tripod
- **Poly-Works System**
- **Tarus TPINTB275 Bridge Type CMM**, S/N TPINTB1509032349, (2003), Approx. Travels: X 8', Y 27', Z 8'; Six Stands; Renishaw P10M Probe; Renishaw MCU W-2 Controller; Dell Tower; Polyworks Software Dongle; Renishaw UCC T3 Plus Universal CMM Controller; (2) SPA 3-2 Servo Power Controllers
- **Tarus TPINTB1448060 Gantry Type CMM**, Four Stands, Approx. Range: X 72", Y 160", Z 72"; Renishaw #PH10M Probe, Renishaw #MCU5 Control, Control #MBX 92-1/P150; Base 120" x 240" x 17" H
- **Tarus TPI-2000 Cantilever CMM**, Approx. Range: X 144", Y 72", Z 60"; Renishaw #PH10M Probe, Control S/N TPRABINCL2526481; Starrett Grade AA Granite Surface Plate Approx. 67" x 144" x 24" H
- **Tarus TPI-2000 Cantilever CMM**, Approx. Range: X 192", Y 76", Z 66"; Renishaw #PH10M Probe, Machine S/N TPINCL967127194; Starrett Grade AA Granite Surface Plate Approx. 92" x 192" x 24" H
- **Starrett 1250MM Standard Reference Bar**, S/N 20205.1, Material RBCM; Grade Metric



FARO and HEXAGON Portable Laser CMM's

Over \$350,000
in Original
Acquisition Cost
as late as 2021



TARUS Bridge Type CMMs



For Further Information Email: customerservice@maynards.com

TOOL ROOM & FABRICATING EQUIPMENT

- **Hyd-Mech S-20P Series II Automatic Horizontal Band Saw**, S/N 70997125, Capacity 13" H x 18" W; Hyd-Mech Sequencer Control; 3 HP Unimount 125 Motor; 3 + 2 HP, 240 V; (2) Roller Conveyors 13" Wide x 60" L
- **(2) Bridgeport/Hardinge Vertical Milling Machines** S/Ns HDNG3051 & HDNG1598, Power Feed Table 9" x 49" Align AL-500P Drive; 2 HP Motor, Acu-Rite 2003 SX Mill DRO
- **(2) Bridgeport 3-Axis EZ-Trak Vertical Milling Machines**, S/Ns 7893E & 8023E, Table 11" x 56", SEM Drives; Power Draw Bar
- **(4) Bridgeport Series I Vertical Milling Machines**, Table 9" x 48", 2 HP Motor, Acu-Rite 2003 3X GEN DRO/Acu-Rite VUE 2XG DRO/Mitutoyo KA-200 DRO; 7" Riser
- **(2) Acer EVS-3VSI E-Mill Vertical Milling Machines**, S/Ns N12060165 & N12050202, (2012), Table 9" x 49", Spindle Drive 3 HP AC Inverter, Spindle Speeds 60-4500, Acu-Rite 200S 2XG DRO
- **(3) Manford SP-150VS Vertical Milling Machines**, S/Ns HB0286AV, 1718325 & 1818326, (2017), Power Draw Bar, Power Feed Table 9" x 49" Servo Drive; 3 HP Spindle Drive, Spindle Speeds 60-4500, Newall DRO, #DP7002110S12
- **(3) Jet JTM-4VS Vertical Milling Machines**, S/Ns 40803551B, 13090339 & 13090336 (2013), Power Feed Table 9" x 49" Align AL-500P Drive; Spindle Drive 3 HP; Spindle Speeds 50-4200; Acu-Rite VUE 2X G DRO
- **(2) Alliant Vertical Milling Machines**, Table 9" x 42", 3 HP Motor, Spindle Speeds 60-3000; Acu-Rite VUE 2X M DRO
- **Alliant 1054-3V Vertical Milling Machine**, S/N K3VL-696, Table 10" x 54", 3 HP Motor, Spindle Speeds 70-4200, 4" Riser
- **Alliant Vertical Milling Machine**, S/N 31120350, Table 9" x 50", Spindle Drive 3 HP; Fajo 20i-M DRO
- **Wilton Vertical Milling Machine**, S/N 23093, Table 10" x 50", Spindle Speeds 80-2720; Sony Millman LH51-2 U7 DRO
- **Kent RML-1440 VT Engine Lathe**, S/N 14415122949, (2015), Capacity 14" Swing x 40" Centers, Cross Slide, Tail Stock, Tool Post, Hole Through Spindle 2"; Speeds 20-400/400-2500
- **Kent CGS-618M Surface Grinder**, S/N 1B1511133 (2015), Kinjung Electromagnetic Chuck 6" x 18"
- **Cincinnati Fan 100-S Barrel Mounted Dust Collector**, S/N 9508754
- **Reid 618H Surface Grinder**, S/N 13624, SP-618-37 Magnetic Chuck
- **Landis 618 Surface Grinder**, S/N 15915, Electro-Magnetic Chuck
- **Clausing 2276, 2277 & 22V 20" Single Spindle Drill Presses**
- **Delta Rockwell Cat 15-655 and Powermatic 1150 Single Spindle Drill Presses**
- **Carlton 4' x 11" Radial Arm Drill**, S/N 1A-1141, 5 HP Motor, Box Table
- **Wells 8M Horizontal Band Saw**, S/N 16874, 1/2 HP Motor
- **Powermatic 87 Vertical Band Saw**, S/N 087021, Table 24" x 24", Throat 19-1/2"
- **Northern Foundry & Machine 36" Vertical Band Saw**, S/N 661665D, Table 49-1/2" x 36", Throat 35"
- **Moak Vertical Band Saw**, Table 31" x 37", Throat 35"
- **Tops 55508 Radial Arm Saw**, S/N P-522006, 0-90 Deg Tilt; RPM 3450; 3 HP
- **Panel Saw**, Size 6' x 10'
- **State D15 15" Disc Sander**, S/N 2513, 1/2 HP
- **Oliver 34-D5D 30" Disc Sander**, S/N 53077
- **Kindt Collins SP1SP Spindle Sander**, S/N 868
- **Chicago D&K SB612 6' x 12 Gauge Apron Brake**, S/N 326849T

2015



KENT RML-1440 VT Engine Lathe

2015



KENT CGS-618M Surface Grinder



POWERMATIC Vertical Bandsaw and STATE Disc Sander



View of Bandsaws



Disc and Spindle Sanders

TOOL ROOM & FABRICATING EQUIPMENT (Continued)



View of Vertical Milling Machines



BRIDGEPORT Milling Machines

Over 30
Bridgeport,
EZ Trak, Alliant
Vertical Mills

CNC SUPPORT EQUIPMENT TOOL HOLDERS / VISES

- Large Quantity of CNC Tool Holders
- Kurt Ang-Lock Vises, Sizes 6" to 10"
- Angle Plates Sizes Include: 18" x 72" x 36"; 36" x 10" x 36"; 12.5" x 37" x 12.5"
- Rotary Tables Sizes Include: 40" x 40", 30" x 30"
- Diebold Typ ISG2000-208V Tool Presetter, S/N 0256 37/01



BRIDGEPORT EZ-Trak CNC Milling Machines

OVER 50 GRANITE SURFACE PLATES, LAYOUT PLATES AND FIXTURE BASES

- EQ Base 30" x 80" x 5-7/8" H Fixture Base
- 36" x 72" x 34" Layout Tables, Top Plate 1-5/8" Thick
- 73" x 148" Steel Layout Plates
- 49" x 99" x 32-1/2" Layout Tables
- 96" x 144" x 31" H Layout Table, Top Plate 5-3/4" Thick
- 64" x 96" x 1-1/4" Layout Plate
- Quantities of 4' x 8' x 14" Granite Surface Plates
- 1,500 Lb Capacity Topper Roller Cart, Stainless Steel Top 306 6105

PLANT SUPPORT EQUIPMENT

- Miller 40A Plasma Cutter
- Miller Syncrowave 350 Weld Power Source, Tig Torch
- Cyclone 30" W x 24" x 24" Blast Cabinet, S/N 4283
- Steelman Industries 6712 EPC Electric Oven, S/N 94179, Interior Dimensions 6' W x 7' H x 12' D, Max Operating Temp 500 Deg F
- Open Sided Paint Booth, 11'6" W x 9'6" D x 8' H Vent; Spray Gun Equipment
- Toro CCR 3650 Snow Thrower, 20"; 6.5 HP R-Tek Engine, Single Stage
- 2-Ton Capacity Hein Werner HW93642 Service Jack
- 3-Ton Capacity Pittsburgh Service Jack
- 20-Ton H-Frame Shop Press
- Pittsburgh 20-Ton Bottle Jack • 1-Ton Capacity Rolling A-Frame Hoist CM • 2-Ton Hoist • Yale 1.5-Ton Hoist • Knack 4830 Jobmaster Chest • CDI Torque Wrenches • Material Clamps • Flammables Storage Cabinets • Workbenches • Tool Chests • Power/Pneumatic/Hand Tools

ROLLING STOCK

- Ford F-650 XL-Super Duty Stake Bed Truck, Stake Bed 8' x 18' 6"; Diesel Engine; Odometer Approx. 272,000 Miles
- Forest River Inc Cargo Mate 14' Cargo Trailer, S/N 5NHUEH421FN084545, (2014), Overall Length 14', Side Entrance Door, Dual Rear Door; Double Axle, Single Axle
- Hyster 100 LP Type Forklift, Two-Stage Mast, Forks 54"
- Haulmark MC612BS 12' Cargo Trailer, S/N 16HCB1210VH04027, Overall Length 12', Side Entrance Door, Dual Rear Door; GVWR 2,980 Lbs
- Yale LP Type Forklift, Two-Stage Mast
- Tennant 5700 Walk Behind Floor Scrubber, S/N 5700-8743
- Wesco PIVJIB Forklift Boom Attachment



FORD F-650 XL-Super Duty Stake Bed Truck



Trailer



HYSTER and YALE LP Gas Forklift Trucks



STEELMAN INDUSTRIES 6712 EPC Electric Oven

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DAY 1 – Webcast: August 6 @ 10am ET

DAY 2 – Online: Ends August 7 @ 10am ET

2021 & 2022



DOOSAN DVF6500 5-Axis CNC Vertical Machining Centers

**2
Available**

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INDUSTRIAL REAL ESTATE FOR SALE

**42455 MERRILL ROAD
STERLING HEIGHTS, MICHIGAN**



PROPERTY FEATURES

- 82,641 square feet available
- 10,800 square feet office
- 21' 7" – 22' 3" clear height
- (2) 12' x 14' grade level doors, (2) truckwells
- 20-ton bridge crane, 16' underhook
- High office ceilings, skylights, and airlines
- Fully air-conditioned
- Buss duct and primary power
- Fully air-conditioned
- Excellent manufacturing plant with additional land for expansion
- Sale Price: \$8,950,000 (\$108.30/sq. ft.)

FOR MORE INFORMATION, PLEASE CONTACT:

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TERMS: Information is subject to verification and no liability for errors or omissions is assumed. Price is subject to change and listing withdrawal.

TERMS & CONDITIONS | PAYMENT: Full payment within 24 hours. Payment is Cash, Cashier's check, Certified Check or Wire Transfer. No other forms of payments will be accepted. Full Payment Must be Made before removal of Purchase. Everything is Sold "As-Is, Where-Is". All Sales Final. Cost & Responsibility for Removal of Purchase Remains with the Purchaser. Every Effort will be Made to Facilitate Removal. While Qty. and Descriptions are Believed to be Accurate, the Auctioneer, Owners or Counsel Make no Warranties or Guarantees Either Expressed or Implied as to Authenticity, Genuineness of or Defects in Any Lot & will not be Held Responsible for any Advertising Discrepancies or Inaccuracies. No Warranties Whatsoever are Made as to Condition Merchantability or Fitness for Use of Any Item. May we Suggest you Take Full Advantage of the Preview and Inspection Period. Sale Subject to Additions and Deletions. Please Check Availability of Equipment. All small items must be removed by August 22, 2025. All large items must be removed by September 5, 2025.

AN ONLINE BUYER'S PREMIUM OF 20% WILL BE CHARGED ON ALL SUCCESSFUL BIDS.

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