



NEW MACHINE ADDITIONS

Milling | Turning | Gear Cutting | Gear Grinding
ID & OD Grinding | Assembly

2022

Doosan Puma 4100MB - CNC Lathe

The newest addition to IPM's heavy duty lathe line up. Featuring a 15" chuck and capable of a max. turning diameter of 21.7" dia. x 38.5" max length workpiece as well as live tooling, this machine excels at machining workpieces fast and accurately.



Palmary 3265M3 - OD Grinder



This OD grinder is capable of grinding workpieces of 11.8" dia., by 25.6" long. This machine features the ability to index from an angled head grinding wheel to 2 different plunge wheels which will allow IPM to produce parts with multiple ground features in a single workholding.

2021



Kapp Niles ZE400 Profile Gear Grinder

This machine, along with the ZE500 (added in 2019), expands IPM's gear grinding capacity of high precision gearing components. These machines are capable of easily achieving the very highest levels of gear quality in existence.

2021



Nidec/Mitsubishi GE25 CNC Gear Hobber

The latest CNC gear hobber added to IPM's already impressive inventory of top line gear cutting equipment. Another example of our commitment to our customers in producing the highest quality parts day in and day out.

NEW IN 2020



Mitsubishi ST25
CNC Gear Shaper

NEW IN 2020



Okuma LB3000 EX II
CNC Lathes (2)

NEW IN 2019



Kapp Niles ZE500
Profile Gear Grinder

IPM is an ISO 9001:2015 & AS9100D Certified and Registered Company. We take pride in producing high quality parts, utilizing the latest machining and measurement technology available.



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GEAR CUTTING & GRINDING EQUIPMENT LIST

GEAR HOBBERS

- Nidec/Mitsubishi GE25A (1) **NEW 2021**
- Mitsubishi GE20A CNC (1)
- Mitsubishi GD30 CNC (1)
- Mitsubishi GD20 CNC (1)
- Barber Colman 16-16 (2)
- Barber Colman 6-10 (5)

GEAR SHAPERS

- Mitsubishi ST25 **NEW 2020**
- Fellows 20-4 (2)
- Fellows 10-4 (2)
- Fellows 10-4 (2)

Complete rebuild and CNC retrofit

BROACHING MACHINES

- Colonial 15-60 Horizontal (1)
- Davis Hansford Key Slotter (1)

GEAR GRINDING MACHINES

- Kapp Niles ZE400 Profile Gear Grinder (1) **NEW 2021**
- Kapp Niles ZE500 Profile Gear Grinder (1) **NEW 2019**
- Gleason TWG 245 Gear Grinder (1)

GRINDING MACHINES

- Palmary 3265M3 OD Grinder (1) **NEW 2022**
- Supertec EGM-350 Multi Spindle ID & OD Grinder (1) **NEW 2019**
- Planotec 1632NC Surface Grinder (1) **NEW 2019**
- Mitsubishi CNC OD Grinder (1)
Model RC32-B100A - 12" OD x 39.5" OAL
- Sunnen Honing Machines (2)

GEAR INSPECTION EQUIPMENT

- Gleason 475GMS (1)
Full CNC controlled gear inspecting instrument
- Fellows 24" Composite Roll Check (1)

TOOTH ROUNDING & DEBURRING

- Gleason VTR250 - CNC (1)
- James Deburring Machine (1)
- Redin Deburring Machines (2)

TURNING - MILLING - MANUAL EQUIPMENT LIST

CNC TURNING

- Doosan Puma 4100MB Lathe (1) **NEW 2022**
- Okuma LB3000 EX II Lathe (2) **NEW 2020**
- Takamaz XY-2000 Plus (1)
- Doosan 400MB Lathe (1)
- Doosan 2600 Lathe (2)
- Doosan V400M Vertical Lathe (2)
- Daewoo V550 Vertical Lathe (1)
- Daewoo Puma 240L Lathe (2)

OTHER PRODUCTION MACHINERY

- Lasermarker Cobalt Dominator **NEW 2021**
- Haas TL-2 CNC Toolroom Lathe
- Cossen Horizontal Band Saw; 12" Capacity (1)
- Amada Horizontal Band Saw; 10" Capacity (1)
- Manual Lathes
- Drill Presses
- Dot Matrix Part Marking

INSPECTION EQUIPMENT

- Zeiss Contura 7/10/6 **NEW 2023**
- Zeiss Contura 1000/1200/600
- Numerex 2424-18

Full complement of Bore Gauges, Micrometers and other associated hand gauging

ROBOTICS

- Halter Universal Compact 12 Robot (1) **NEW 2021**

CNC MILLING

- Mazak HCN6800 25" Pallet HMC (1)
- Mazak FH6800 25" Pallet HMC (1)
- Daewoo DHP630 25" Pallet HMC (1)
- Mazak HCN 5000 20" Pallet HMC (1)
- Mazak PFH4800 15" Pallet HMC (1)
- Mazak VTC160A 2 Pallet VMC (1)
- Hass VF-4SS VMC (1)

