

FOR SALE

(3) STATE-OF-ART INTERNAL GEAR GRINDING MACHINES

FOR PRECISION GRINDING OF INTERNAL GEARS



PROJECT DESCRIPTION

This unique offering represents an exceptional opportunity to acquire one of the most sophisticated solutions available worldwide for the precision grinding of internal gears. At the time of installation, **NIDEC** model ZI20A represented the first commercially available internal gear grinding machine of its kind and established new standards in the production of high-precision internal gear components.

With only a limited number of machines manufactured globally and lead times for new equipment extending significantly, these machines offer immediate access to technology that is rarely available. Their advanced grinding capabilities enable the efficient production of highly accurate internal gears used in planetary gear systems, transmission assemblies, e-mobility drivetrains, and other precision mechanical applications.

SALES DETAILS

Sales Type

Private Treaty

Location

Chennai, India

Delivery

As is – Where is, Ex Works

Inspection

By Appointment Only



YOUR TEAM FOR THIS PROJECT



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INDUSTRIES SERVED



AUTOMOTIVE



ROBOTICS



MECHANICAL



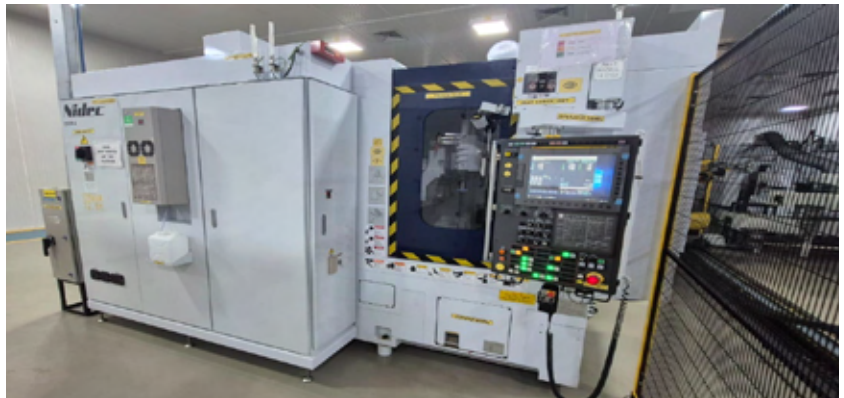
AEROSPACE



DEFENSE

NIDEC INTERNAL GEAR GRINDING MACHINE #1

Manufacturer: **NIDEC**
Model: **ZI20A**
Serial number: **ZI20038C7**
Working hours: **1379 h**
Year of Manufacture: **2024**
Max. workpiece diameter: **200 mm**
NC axes: **8**
Max. module: **1-3**
Grinding wheel outer diameter: **50-120 mm**
Grinding wheel head swivel angle: **+/-40°**
Max. grinding wheel speed: **15000 rpm**
Table diameter: **200 mm**
Max. table speed: **6000 rpm**
Spindle motor: **25 kW**
Dresser diameter: **110 mm**
Dresser speed: **3260 rpm**
Width: **3860 mm**
Depth: **4520 mm**
Total power consumption: **120 kVA**
Machine weight: **12000 kg**



NIDEC INTERNAL GEAR GRINDING MACHINE #2



Manufacturer: **NIDEC**
Model: **ZI20A**
Serial number: **ZI20039C7**
Working hours: **1606 h**
Year of Manufacture: **2024**
Max. workpiece diameter: **200 mm**
NC axes: **8**
Max. module: **1-3**
Grinding wheel outer diameter: **50-120 mm**
Grinding wheel head swivel angle: **+/-40°**
Max. grinding wheel speed: **15000 rpm**
Table diameter: **200 mm**
Max. table speed: **6000 rpm**
Spindle motor: **25 kW**
Dresser diameter: **110 mm**
Dresser speed: **3260 rpm**
Width: **3860 mm**
Depth: **4520 mm**
Total power consumption: **120 kVA**
Machine weight: **12000 kg**

NEVER USED

NIDEC INTERNAL GEAR GRINDING MACHINE #3

Manufacturer: **NIDEC**

Model: **ZI20A**

Serial number: **ZI20041C7**

Working hours: **0 h**

Year of Manufacture: **2024**

NC axes: **8**

Max. workpiece diameter: **200 mm**

Max. module: **1-3**

Grinding wheel outer diameter: **50-120 mm**

Grinding wheel head swivel angle: **+/-40°**

Max. grinding wheel speed: **15000 rpm**

Table diameter: **200 mm**

Max. table speed: **6000 rpm**

Spindle motor: **25 kW**

Dresser diameter: **110 mm**

Dresser speed: **3260 rpm**

Width: **3860 mm**

Depth: **4520 mm**

Total power consumption: **120 kVA**

Machine weight: **12000 kg**





WE EMPOWER
YOUR NEXT MOVE
WITH A PARTNERSHIP
THAT DELIVERS.

THANK YOU!

In case of any questions and or
comments, please reach out to us directly.

