

MACHINE CAPACITY LIST

CAPACITY FOR CUTTING WORMS AND GRINDING WORMS:

DIAMETERS FROM 1" – 10"

PITCH'S FROM 0.100" – 2.750"

NUMBER OF THREADS 1 – 14

CAPACITY FOR O/D GRINDING:

DIAMETERS FROM 1/2" – 11"

LENGTHS FROM 2" – 60"

CAPACITY FOR BORE GRINDING:

BORES FROM 1.1/2" – 8"

FACE WIDTH 1" – 5"

CAPACITY FOR WORMWHEELS:

CENTRES FROM 2" – 28"

FLY RADIUS 1/2" – 4.1/2"

DIAMETERS FROM 2" – 50"

PITCHS FROM 0.100" – 2.750"

CAPACITY FOR CUTTING HELICAL AND SPUR GEARS:

DIAMETERS FROM 2" – 90"

FACE WIDTH (SPUR) 1/2" – 18"

FACE WIDTH (HELICAL) 1/2" – 8"

PITCHS FROM 24 DP – 1 DP

CAPACITY FOR GEAR GRINDING HELICAL AND SPUR GEARS:

MAX O/D 60"

MAX FACEWIDTH 12.5"

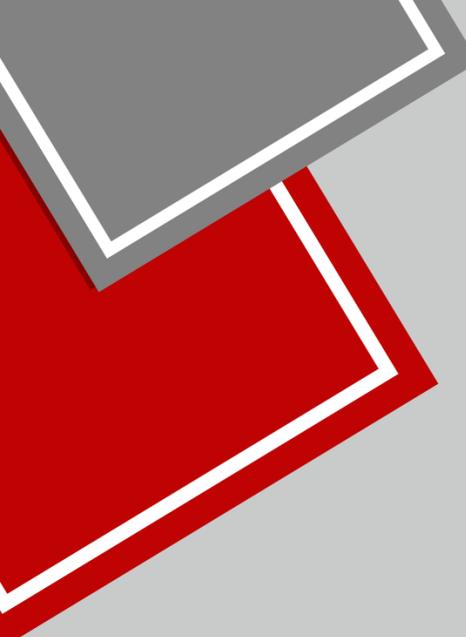
CAPACITY FOR CUTTING HELICAL AND SPUR GEARS:

DIAMETERS FROM 2" – 90"

FACE WIDTH (SPUR) 1/2" – 18"

FACE WIDTH (HELICAL) 1/2" – 8"

PITCHS FROM 24 DP – 1 DP



CAPACITY FOR GEAR GRINDING HELICAL AND SPUR GEARS:

MAX O/D 60"

MAX FACEWIDTH 12.5"

SPLINE SHAFTS AND BEVEL GEARS:

INTERNAL GEARS AND SPLINES 1000MM DIA (40")

BEVEL GEARS 950MM DIA X 12 MOD (24" X 3DP)

SPIRAL AND HYPOID BEVEL GEARS 900MM DIA X 17 MOD (36" X 1.5DP)

CNC MACHINES CAPACITY LIST

DEPO 1212

1600mm X 1600mm POWER ROTARY TABLE

X AXIS 1200mm

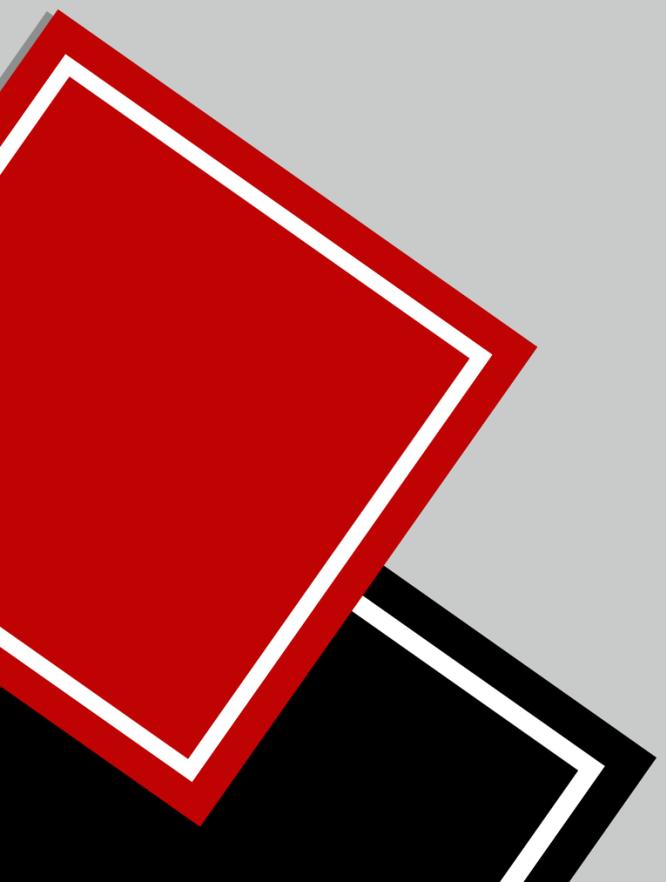
Y AXIS 1200mm

Z AXIS 850mm

TABLE LOAD 5 TONNES

FULL CAD/CAM MACHINING AVAILABLE

SPINDLE SPEED 30-12,000RPM



**MCM PROGRESS 1 TWIN PALLET HORIZONTAL
MACHINING CENTER HEIDENHAIN TNC430
CONTROL**

TWIN PALLETS 700 DIA

X AXIS 1700MM

Y AXIS 800MM

Z AXIS 700MM

TABLE LOAD 10 TONNES

PALLET ROTATION LOAD 1.5 TONNES

PALLET POSITIONING ONLY EVERY 1 DEG

BORING DIAMETER FROM 6MM TO 400MM

**SCHARMANN TWIN PALLET HORIZONTAL
MACHINING CENTER HEIDENHAIN TNC 530 CONTROL**

TWIN PALLETS 800MM X 650MM

X AXIS 1230MM

Y AXIS 1000MM

Z AXIS 830MM

TABLE LOAD 2 TONNES

PALLET ROTATION LOAD 1.5 TONNES

**PALLET ROTATION MILL OR POSITIONING INFINITE
VARIABLE**

BORING DIAMETERS FROM 6MM TO 400MM

**CINCINNATI SABRE 150 VERTICAL MACHINING
CENTER HEIDENHAIN TNC 426 CONTROL**

TABLE SIZE 1630MM X 750MM

X AXIS 1500MM

Y AXIS 760MM

Z AXIS 820MM

TABLE LOAD 1.5 TONNES

BORING DIAMETER FROM 6MM TO 400MM

**MAZAK INTEGRIX 50 CONTROL TURNING
CENTER WITH LIVE TOOLING**

HYDRAULIC CHUCK MAX 700MM

BETWEEN CENTERS 1000MM

60 STATION TOOL CHANGER 30

TURNING/30 MILLING

MAX LOAD 0.5 TONNES

**X Y Z PROTURN SLX555 – 1.75M PROTOTRAK SLX
CONTROL**

SWING OVER BED 560mm

SPINDLE BORE 104mm

DISTANCE BETWEEN CENTRES 1750mm

MAX 1800 RPM

**X Y Z PROTURN SLX425 – 2M PROTOTRAK SLX
CONTROL**

3 & 4 JAW CHUCK MANUAL

BETWEEN CENTERS 2000MM

MAX DIAMETER 480MM

MAX LOAD 0.5 TONNES

MANUAL LATHE'S

TURN UP TO 4 METERS LONG

TURN UP TO 1200MM DIAMETER

WEBSTER BENNETT

48" TABLE DIAMETER

59" MAX SWING

ELEVATING RAIL TO 40" IN HEIGHT

MAX LOAD 5 TONNES

SURFACE GRINDER

JONES AND SHIPMAN 1400

HONING MACHINE

MAXIMUM LENGTH 3 METERS

MAXIMUM DIAMETER 200MM

RADIAL ARM DRILL

MAXIMUM 1.5 METERS LONG

MAXIMUM 1.5 METERS HIGH

PRESS

UP TO 300 TONNES

5 METERS LONG

WELDING

MIG WELDING FACILITIES

