MASTEEL AMERICA CORPORATION

MV-1830 Vertical Machining Centre

X-axis travel: 30”
Y-axis travel: 18”
Z-axis travel: 20”
linear guide ways
table size/load: 35.43” x 16.14”/770 lbs.
belt type lift-up chip conveyor
spindle motor/taper: 14.75 hp/CAT#40
spindle drive/speed: belt/10,000 rpm

swing arm tool changer: 24 pockets
290 psi through spindle coolant
Fagor or Fanuc control

optional equipment:
tool + spindle probe packages
4th + 5th axis tables
auto pallet changer/robot loader

M1100 Vertical Machining Centre

X-axis travel: 43.31”
Y-axis travel: 25”
Z-axis travel: 25”
roller type linear guide ways
table size/load: 47.24” x 23.62”/1764 lbs.
belt type lift-up chip conveyor
spindle motor/taper: 20 hp/CAT#40
spindle drive/speed: direct/12,000 rpm

swing arm tool changer: 30 pockets
290 psi through spindle coolant
Fagor or Fanuc control

optional equipment
tool + spindle probe packages
4th + 5th axis tables
auto pallet changer/robot loader

MCV-1100 Vertical Machining Centre

X-axis travel: 44”
Y-axis travel: 25”
Z-axis travel: 24”
box guide ways
table size/load: 51.18” x 23.62” 1764 lbs.
belt type lift-up chip conveyor
spindle motor/taper: 20 hp/CAT#40
spindle drive/speed: belt/10,000 rpm

swing arm tool changer: 24 pockets
290 psi through spindle coolant
Fagor or Fanuc control

optional equipment
tool + spindle probe packages
4th + 5th axis tables
auto pallet changer/robot loader

MCV-3060 Vertical Machining Centre

X-axis travel: 60”
Y-axis travel: 30”
Z-axis travel: 27”
box guide ways
table size / load: 66.93” x 24”/4000 lbs.
belt type lift-up chip conveyor
spindle motor/taper: 20 hp/CAT#40
spindle drive/speed: belt 10,000 rpm

swing arm tool changer: 24 pockets
290 psi through spindle coolant
Fagor or Fanuc control

optional equipment
tool + spindle probe packages
4th + 5th axis tables
auto pallet changer/robot loader

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LEADWELL V-50L Vertical Machining Centre

X-axis travel: 50”
Y-axis travel: 25”
Z-axis travel: 24”
roller type linear guide ways
table size / load: 56” x 24”/2200 lbs.
belt type lift-up chip conveyor
spindle motor/taper: 29.5 hp/CAT#40
spindle drive/speed: belt/12,000 rpm

swing arm tool changer: 24 pockets
290 psi through spindle coolant
Fagor or Fanuc control

optional equipment
tool + spindle probe packages
4th + 5th axis tables
auto pallet changer/robot loader

LEADWELL V-60S Vertical Machining Centre

X-axis travel: 59.8”
Y-axis travel: 25”
Z-axis travel: 24”
roller type linear guide ways
table size/load: 61” x 24”/2640 lbs.
belt type lift-up chip conveyor
spindle motor/taper: 24.8 hp/CAT#40
spindle drive/speed: belt/10,000 rpm

swing arm tool changer: 24 pockets
290 psi through spindle coolant
Fagor or Fanuc control

optional equipment
tool + spindle probe packages
4th + 5th axis tables
auto pallet changer/robot loader

LEADWELL MCV-1500i+ Vertical Machining Centre

X-axis travel: 59.8”
Y-axis travel: 40”
Z-axis travel: 28.3”
box guide ways
table size/load: 61” x 40”/2863 lbs.
belt type lift-up chip conveyor
spindle motor/taper: 24.8 hp/CAT#50
spindle drive/speed: geared/4,000 rpm

swing arm tool changer: 24 pockets
290 psi through spindle coolant
Fagor or Fanuc control

optional equipment
tool + spindle probe packages
4th + 5th axis tables
auto pallet changer/robot loader

Maxcut MTC25-1420 Turning Centre

swing over bed/cross slide: 20”/16”
maximum turning diameter/length: 16”/21”
X/Z-axis travel: 8.46”/20.25”
bar capacity: 2.56”
linear guide ways
slant bed angle/chuck size: 45°/10”
belt type lift-up chip conveyor
spindle motor/speed: 15 hp / 4,000 rpm

tool turret: 12 stations
automatic parts catcher
tool setter
Fagor 8060 or 8065 control

optional equipment
hydraulic collet chuck
automatic bar feeder

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LEADWELL T-6SMY Turning Centre with Y-Axis + Sub-Spindle

swing over bed: 17.7”
maximum turning diameter/length: 16.1”/18”
X-axis travel: 7.48” + 0.59”
Z1/Z2-axis travel: 17.7”/19.68”
C-axis/Y-axis: 360° @ 0.001° increment/±1.96”
bar capacity: 2.56”
linear + box guide ways
slant bed angle/chuck size: 45°/10”
spindle motor/speed: 10 hp/4,000 rpm

belt type lift-up chip conveyor
tool turret: 12 stations
automatic parts catcher
tool setter
Fagor 8060 or 8065 control

optional equipment
hydraulic collet chuck
automatic bar feeder

LEADWELL LTC-25iL Turning Centre

swing over bed/cross slide: 26.3”/17.3”
turning diameter/length: 17.7”/29.9” to 79.5”
X-axis travel: 9.84”
Z-axis travel: 31.1” to 80.7”
bar capacity: 3” or 4”
box guide ways
slant bed angle/chuck size: 45°/10” or 12”
spindle motor/speed: 33.5 hp/3,500 rpm

belt type lift-up chip conveyor
tool turret: 12 stations
tool setter

optional equipment
hydraulic collet chuck
4-jaw chuck
steady rest

LEADWELL LTC-35 Turning Centre

swing over bed/cross slide: 31.5”/21.2”
turning diameter/length: 23.6”/40.6” to 157.7”
X-axis travel: 13”
Z-axis travel: 43.3” to 161.4”
bar capacity: 4.5”
box guide ways
slant bed angle/chuck size: 45°/15”
spindle motor/speed: 45 hp/2,000 rpm

belt type lift-up chip conveyor
tool turret: 12 stations
tool setter

optional equipment
hydraulic collet chuck
4-jaw chuck
steady rest

LEADWELL TM Turn-Mill Centres

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LEADWELL

MU-650 5-Axis Machining Centre

X-axis travel: 15.7”
Y-axis travel: 13.8”
Z-axis travel: 13.8”
B-axis: +110° to -50°
C-axis: 360°
roller type linear guide ways
table diameter/load: 17.7”/440-330 lbs.
belt type lift-up chip conveyor
spindle motor/taper: 22.1 hp/CAT#40
spindle drive/speed: direct/12,000 rpm
swing arm tool changer: 30 pockets
290 psi through spindle coolant
Fagor or Fanuc or Heidenhain control
optional equipment
tool + spindle probe packages
automatic pallet changers

U’Chine

U’Chine UDM-2215
Double Column Vertical Machining Centre

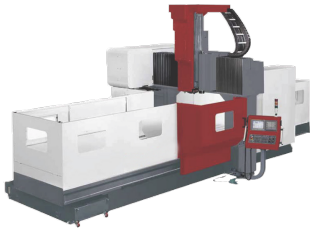

table size/load: 78.74” x 51.18”/8,818 lbs.
X-axis travel: 86.6””
Y-axis travel: 59”
Z-axis travel: 29.9”
roller type linear guide ways on X/Y-axes
box guide ways on Z-axis
belt type lift-up chip conveyor
spindle motor/taper: 34.8 hp/CAT#50
spindle drive/speed: gear/6,000 rpm
tool changer: 24/32/40 pockets
290 psi through spindle coolant
Fagor or Fanuc or Heidenhain control
optional equipment
direct drive 8,000 rpm spindle
angle milling heads
tool + spindle probe packages

U’Chine

UBM-13020RT
U’Chine CNC Horizontal Boring & Milling Machine

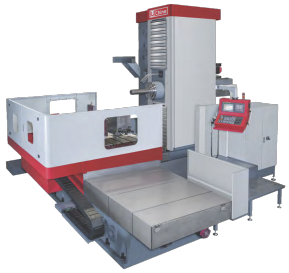

table size/load: 63” x 55.1”/17,640 lbs.
X-axis travel: 78.74””
Y-axis travel: 78.74”
Z-axis/W-axis travel: 78.74”/27.55”
box guide ways
belt type lift-up chip conveyor
spindle diameter: 5.12”
spindle motor/taper: 24.8 hp/CAT#50
spindle drive/speed: gear/2,500 rpm
tool changer: 40/60 pockets
290 psi through spindle coolant
Fagor or Fanuc or Heidenhain control
optional equipment
35.43” W-axis
angle milling heads
tool + spindle probe packages

POLYGIM

Swiss Turning Centres

Eumach

DMV-2021 Universal Machining Centre

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