



CANADIAN MARITIME ENGINEERING LTD.

FACILITIES & EQUIPMENT

Head Office

90 Thornhill Drive, Dartmouth, Nova Scotia, Canada B3B 1S3

Tel: 902-468-1888 Fax 902-468-1890

www.cmelimited.com

Coatings Division

219 Waverly Road, Dartmouth Nova Scotia, Canada B2X 2C3

Tel: 902-434-8660 Fax 902-434-8550

Sambro Marine Works

1420 Ketch Harbour Road, Sambro Head, Nova Scotia, Canada B3V 1L1

Tel: 902-868-2007 Fax 902-868-2764

Central Canada Division

866 Philips Street East, Sarnia, Ontario, Canada N7T 1Z6

Tel: 519-339-9750 Fax 519-339-8763

Western Canada Division

825 Admirals Road, Victoria, British Columbia, Canada V9A 2P1

Tel: 250-475-3553 Fax 250-391-6314

Toll Free: 1 (877) 468-1888



CANADIAN MARITIME ENGINEERING LTD.

Machine Shop Equipment

Lathes & Mills Ranked By Size and Capability

Description

Capabilities

CNC Milling Centre

Cincinnati Milacron Sabre Machining Centre

Axis Travel ranges, XYZ		
Longitudinal, (table, X-Axis)	2032 mm	80.00"
Cross (saddle, Y-Axis)	762 mm	30.00"
Vertical (spindle carrier, Z-Axis)	820 mm	32.28"
Table, X-Axis	765 mm X 2132 mm	(30.11" X 83.94")
Load Capacity	1680 kg	(1.8 ton)

CNC Milling Centre

Matsuura Horizontal Milling Centre MXIII – Model MC-600-40

Axis Travel ranges, XYZ		
Longitudinal, (table, X-Axis)	600 mm	23.62"
Cross (table, Y-Axis)	450 mm	17.71"
Vertical (spindle carrier, Z-Axis)	550 mm	21.65"
Load Capacity	400 kg	(880 lbs)

CNC Lathe

Mori Seki CNC Lathe – 10TF

Axis Travel ranges, XZ		
Longitudinal, (Z-Axis)	570 mm	22.44"
X-Axis	610 mm	24.02"
Maximum Machine Diameter	240 mm	9.45"
Maximum Machine Length	560 mm	21.65"

Lathe

Zerbst Facing Lathe

126" Diameter Swing Over 20' CTC
140" X 22" at chuck, Tracer Attachment Ability

Lathe

48" Swing at Chuck, 228" Between Center, 36" Turning Diameter,
24" Steady Rest, Tracer Attachment Ability

Lathe

30" Swing at Chuck, 14" Between Centers, 14" Steady Rest

Lathe

30" Swing at 12" gap, 22" Turning Dia., 10' Between Centers

Lathe

30" Swing at Chuck, 16" Turning Dia., 14' Between Centers

Lathe

25" Swing at Chuck, 16" Turning Dia., 12' Between Chuck and Tailstock,
Steady Rest up to 13"

Toll Free: 1 (877) 468-1888



CANADIAN MARITIME ENGINEERING LTD.

Description

Capabilities

Lathe	24" Swing at Chuck, 72" Between Centers
Lathe	22" Swing at Chuck, 10" Turning Dia., 60' Between Centers
Lathe, Digital	22" Swing at Chuck, 14" Turning Dia., 10' Between Chuck and Tailstock, Steady Rest up to 10", Taper Attachment
Lathe	19" Swing at Chuck, 14" Turning Dia., 6' Between Chuck and Tailstock, Steady Rest up to 6"
Lathe	17" Swing by 60" Between Centers
Giddings & Lewis, Digital Horizontal Milling machine	80" Vertical 60" X 120" Table 20 Ton Capacity
Horizontal Boring Mill	48" X 48" X 40", Digital Read-Out, Complete with Tailstock & Miscellaneous Jig Fixtures
Horizontal Mill	24" X 60"
Horizontal Mill	12" X 53"
Vertical Boring Mill, Digital	64" Diameter X 48" Vertical
Vertical Mill	24" X 80"
Vertical Mill	14" X 63"
Vertical Mill	11" X 49"
Universal Mill	13" X 54"
Band Saw	20" X 30"
Radial Drill Press	7' Vertical Column Travel, 5' Spindle Travel

Extensive Array of Calibrated Measuring Tools; Inside/Outside Micrometers, Vernier Gauges, Complete Sets of Test Blocks

Toll Free: 1 (877) 468-1888



CANADIAN MARITIME ENGINEERING LTD.

Machining Equipment

PORTABLE – ON SITE MACHINING

Description

Capabilities

Custom Built Milling Machine	60" Travel Width, 120" Travel Length
Custom Built Flange Facer	Up to 12" Diameter
Portable 3 Axis Milling Machine	84" Travel Length, 32" Travel Width
Portable 3 Axis Milling Machine	48" Travel Length, 10" Travel Width
Portable Hydraulic Boring Bars	6" Min. Bore, 5" Bar Dia., 15' length
Portable Hydraulic Boring Bars	2.5" Min. Bore, 14" Max. Bore, up to 12' Bar Length, 2" Bar.
Base Precision Hydraulic Drill	1/8" Min. Drill, 3" Max. Drill
Portable Flange Facer	I.D. Mount 15" to 60" max. Facing O.D., 18" Tool Travel
Portable Flange Facer	I.D. Mount 5" to 14" max. Facing Dia., 6" Tool Travel
Portable Flange Facer	I.D. Mount 5" to 27" max. Facing Dia., 8" Tool Travel
Portable Hydraulic Lathe	4" Min. Shaft Dia., 32" Max. Shaft Dia., 22" Tool Travel
Portable Hydraulic Lathe	2" Min. Shaft Dia., 11" Max. Shaft Dia., 10" Tool Travel
Portable Key Mill	3" Key Width, 8" Key Length
Portable Key Mill (2)	1.25" Key Width, 6" Key Length
Magnetic Base Drills	1/8" Min. Drill, 2" Max. Drill

Portable Machine Container Complete with Lathe, Mill, Drill Press, & Welding Machine
with 600V Service

Toll Free: 1 (877) 468-1888



CANADIAN MARITIME ENGINEERING LTD.

Mechanical & Diesel Department – Equipment List

- 20 Ton Computerized Balancing Machine 10' Dia.
- 1 Ton Computerized Balancing Machine 3' Dia.
- Field Balancing Equipment
- 300 Ton Horizontal Press
- 150 Ton Hydraulic Press
- Hydrostatic Test Equipment
- Various Test Stands (Gearbox Rebuilds)
- Hytorc – Hydraulic Torque Equipment
- 10 to 550 Ton Portable Hydraulic Rams
- Glass Bead Machine
- Valve Grinding Machine
- Sioux Grinding Equipment
- Honing Equipment – Up to 28”
- Heerbrugg Wild N3 Leveling System
- Temperature Controlled Cylinder Head Test Tank
- Fixture – Combi Laser – Shaft Alignment

Toll Free: 1 (877) 468-1888



CANADIAN MARITIME ENGINEERING LTD.

Mobile Equipment List

- 1 - 30 Ton Crane Truck & Tandem Trailer
- 1 – 17 Ton Boom Truck
- 1 – 2-Man Fixed Man Basket
- 1 – 3-Man Suspended Man Basket
- 1 – 2-Man Forklift Man Basket
- 1 – 3 Ton Stake Truck
- 1 – 2 Ton Stake Truck
- 1 – 340 kg Scissor Lift – 7.92 Meters Max Height
- 1 – 66” Aerial Man Lift
- 1 – 2 Ton Cube Van with Mobile Workshop – Mechanical Services
- 1 – 2 Ton Cube Van with Mobile Workshop – Construction Services
- Multiple Forklifts up to 10 Ton
- 45 Service Trucks
- 4 Job Site Work Containers & Office Trailer
- Portable Test Weights up to 25 Tons & Various Load Cells
- 8” X 20” Steel Work Barge – Road Portable
- Chain falls – Up to 50 Tons – Extensive Rigging Inventory
- Mobile Job-site Support Equipment – Gangways, Safety Nets, Rescue Boat
- Portable Sandblasting, Compressors & Painting Equipment

Toll Free: 1 (877) 468-1888



CANADIAN MARITIME ENGINEERING LTD.

Welding Equipment List

- Spot Welder – Data Weld
- Welding Positioner
- Plasma & Track Burning Equipment
- 12 Portable Air Extraction Fans
- Plymovement Fume Extraction System
- Delta 650 Amp Welders Complete with Booms (3)
- Westinghouse 400 Amp DC Stick Welder
- Lincoln 350 Amp TIG & Stick Welder
- Powcon 300 Amp DC Stick Welder
- Lincoln 250 Amp AC/DC Stick Welder
- Hobart 400 Amp Portable Diesel Welding Machine
- Ready Arc 400 Amp Portable Diesel Welding Machine
- Hobart 300 Amp Portable Diesel Welding Machine (10)
- Thermal Arc 270 Amp / 10 kVA Welder/Generator
- Hobart Portable Wire Feeder Welders (6)
- Portable Job Site Containers & Offshore Containers
- H2O Cooled Aluminum Welding Machine
- Lincoln & Miller Water Cooled, 30' Reach Wire Feeder (Aluminum)

Toll Free: 1 (877) 468-1888



CANADIAN MARITIME ENGINEERING LTD.

Forming, Rolling, Braking, Bending Equipment List

- 350 Ton X 12' CNC Hydraulic Press Brake
- Hydraulic Shear – 3/8" X 12' / (1/2" X 6')
- Plate Rolls 3/4 X 10'
- 65 Ton Iron Worker
- Welding Positioners

Cutting Equipment List

- Radial Arm Oxygen Acetylene Cutting Unit
- Cut Off Saw – 20" Diameter
- Cut Off Saw – Automatic Entry & Exit Table
- Track Cutting Equipment

Safety Equipment List

- 6 – M40 Gas Monitors
- 4 – Intrinsically Safe Confined Space Radios
- 1 - M40 Docking station
- Full Compliment of Fall Arrest Equipment
- 6 – Ventilation Fans
- Confined Space Rescue Equipment
- 2 – Explosion Proof Ventilation Fans
- Explosion Proof Lighting

Painting, Coating Facilities

- Blast Booth
 - Size: L x W x H = 32' x 14' x 12'
 - Door Width: 14'
 - Crane Capacity: 1 Ton
- Paint Booth
 - Size: L x W x H = 55' x 23' x 12'
 - Door Width: 14'
 - Crane Capacity: 2 Ton
 - Air Curtain Divider and Temperature Controlled
- Specialty Coat Booth
 - Size: L x W x H = 65' x 22' x 17'
 - Door Width: 14'
 - Curing Oven: L x W x H = 5' x 5' x 2'
 - Burning Oven: L x W x H = 6' x 5' x 8'
- Paint Mixing Room
 - Size: L x W x H = 12' x 8' x 8'
- Transit Bay
 - Size: L x W x H = 46' x 23' x 12'

Toll Free: 1 (877) 468-1888