

OIL & GAS

METALS FOR THE ENTIRE ENERGY INDUSTRY



**EARLE M. JORGENSEN
COMPANY**

Making a material difference®





OIL & GAS

EMJ has been supplying metal to the oil and gas industry since 1932. Today's energy markets may be broader and more diverse, but the core demands are the same—understanding unique alloys and specifications, sourcing from the highest quality producers, and reacting to dramatic demand swings. Oil, gas, wind, solar and geothermal; EMJ has the knowledge and experience to supply critical energy applications.

For service that never stops, call your local EMJ materials specialist.



Carbon Steels

1018 to 1045 - Hot Rolled, Cold Finished, TG&P, T&P, Chrome Shaft & IHCP, Carbon Steel Round Bar to 30" diameter plus Flats, Squares, Hex, Plate

Dura Bar® Cast Iron Bar – Ductile 65-45-12, 80-55-06, G2 Grey iron
(Round Bar, Manifold Blocks, Hollows)

1026 & ST52.3 Drawn Over Mandrel Tubing (D.O.M.) (ASTM A513/5) & Hot Finished Seamless Mechanical Tubing (ASTM A106) – Also available in Micro Honed ID

Other Carbon Steels also available from stock and/or custom mill orders include but not limited to: 12L14, 1215, 1141, 1144, Stressproof®, AR 400, A516 Grade 70, A572 Grade 50, A36/44W

Alloy Steels

8620 – Hot Rolled/Cold Finished – Round Bar, Plate, Custom Flats

4130 Nace MR 0175/API 6A – Round Bar to 26-1/2" dia –also available in Q-125, T-95

4140/4142 – all Thermal Conditions including P110 & L80 Nace, All Surface Conditions including Cold Finished, Hot Rolled, Rough Turned, TG&P, T&P (Rotor Bars), Round Bar, Flat Bar, Square, Hex, Plate, Tubing, Casing

4340 – all Thermal Conditions, all Surface Conditions including Aircraft Quality, Rounds to 30" dia plus Annealed Plate

Other Alloy Steels & Tool Steels also available from stock and/or custom mill orders include but not limited to: 4320, 4150, 6150, 8630, 9310, 52100, 300M, Nitriding 135.





Stainless, Nickel & Tool Steel Alloys

303, 304/304L, 316/316L (Chemistry & Hardness to Nace Specification), 310, 321, 347, 13-8, 15-5, 17-4 Annealed & Age Hardened Double H1150 and other Thermal Conditions, 410 Annealed & DQ&T Nace Specification, 416 TG&P Pump Shaft Quality, 430/431, 440C, Duplex 2205 (F51), also available from stock and/or custom mill orders include but not limited to: 718 Nace, K500, Nickel 400/625/800/801/925, 9 Chrome, 13 Chrome, C276, Nitronic 50/60, P20, 01, A2, D2, H13, S5, S7, M2, M42

Now Stocking:

RGM-Tech Swiss Cold Finish and RGM-Tech Swiss Ground Stainless bars from 1/8" dia to 1" dia in 303, 304L, 316L, 416 and 17-4! This is Swiss Quality bar engineered for the demanding requirements of the Swiss Style Screw Machines. Superior Machinability, Exceptional Roundness and Straightness, Tolerances to less than 0.0005", Chamfered both ends (customizable - 30° & 45° Chamfer for easy feed through the Collet)

Standard grades of 304,316 available in Round Bar, Flat Bar, Square, Hex, Plate, Tubing (Round, Square, Rectangle, Welded & Seamless), Pipe (Welded & Seamless), Angles. All other grades available primarily in Round Bar, Flat Bar, Square Bar, Hex & Plate.



Aluminum

6061-T6, 6063-T5, 7075-T6, 2011-T3, 2024-T3 – Round Bar, Flats, Squares, Hex, Plate, Angles, Channels, I-Beams, Tees, Tubes (Round, Square, Rectangle Tube – all sizes, shapes & walls, round & square corners)

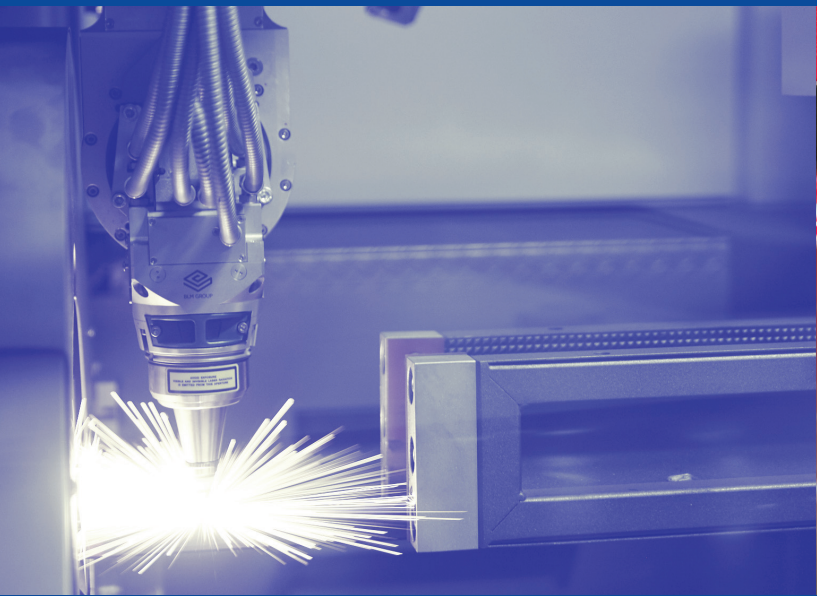
Other grades & shapes available on request. Ask us about our Custom Die Manufacturing programs to create your very own custom extruded shapes!



Brass, Bronze & Copper

C360 Yellow Free Cutting Brass, C932 (660) Bronze, C954 Aluminum Bronze, Oil Lite Sintered Bronze – Round Bar, Hollow Bar/Tube, Squares, Hex, Flats.

Other shapes & grades such as Manganese Bronze, Phosphor Bronze, Silicon Bronze, Beryllium Copper, Toughmet™3 also available upon request.



SERVICES

To compliment our Oil & Gas products, we offer a full line of value-added services:

- On time delivery
- Stock & Draw Customer Inventory Programs
- Trepanning/Drilling
- Honing
- Skive & Burnish
- Production & Close Tolerance Cold Sawing (+0.010" min/0.000", cycle times per part as low as 30 seconds)
- Band Sawing/cut to length
- Precision Bar & Tube Straightening
- NDT Testing services (such as):
 - Charpy Impacts
 - Hardness
 - Chemistry
 - Mag Particle Inspection
 - Ultrasonic
 - Eddy Current
- Water Jet Cutting
- Laser (Plate) / Laser (Tube) Cutting
- Plasma & Flame Cutting
- Router Cutting (Aluminum Plate – custom shapes & profiles)
- Custom Heat Treating



Making a material difference®

EMAIL: EMJCanada@emjmetals.com



EARLE M. JORGENSEN
COMPANY

Edmonton: (877) 907-5055 | Toronto: (800) 668-5656 | Montreal: (800) 361-0802