



Phone: 216-381-0040

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COAL MINING STEEL SERVICE CENTER

MATERIAL NEEDS:

- FULL SERVICE STEEL DISTRIBUTOR

SURVEY:

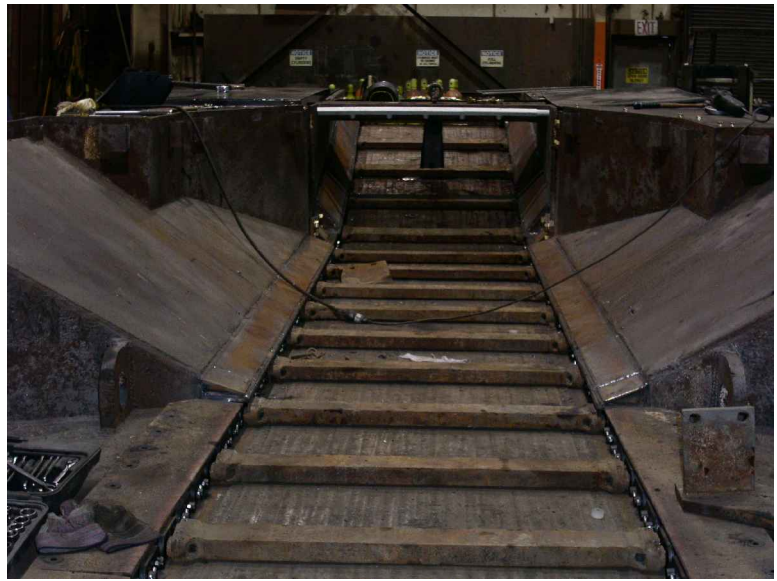
- OEM REPLACEMENT / NO EXISTING PLANS
- HD LASER SCANNING CAPABLE

RE-ENGINEERING:

- PROVIDE SOLUTIONS
- IMPROVE OEM DESIGN
- INCREASE LIFE SPAN

FABRICATIONS:

- MEETING UNBELIEVABLE DEADLINES
- EXPERIENCED WITH EXOTIC MATERIALS



CHAMPALOY Lined Continuous Miner Parts



Rolled CHAMPALOY Wear Plate

Segmented CHAMPALOY Elbows



Track Wear Tips for Continous Miner

CHAMPALOY Wear Plate



Grizzly Grating



Feeder Wheel



Perforated Plate



Wire Mesh Screens



Breaker Screens



Dyconite Coated Crusher Hammers



...Your Solutions Provider

www.wingatealloys.com

In Stock for Immediate Shipment

ABRASION RESISTANT STEEL

Types AR 280 – 325 BHN
AR 360 – 425 BHN
AR 450 – 550 BHN

Avail. Plate, Bar, Wear-Strip,
HT Lug Plate, T-1

"High nickel content available upon request"

ALLOYS

Types 4130, 4140, 4150, 4340,
6150, 8620, 52100

Avail. Bar, Plate, Strips,
Hex, Tubing

Cond. Annealed, Heat Treated

Misc. High Nickel, Tungsten,
Chrome Plated Shafting

ALUMINUM

Types 1100, 2011, 2017, 2024
3003, 5052, 6061, 7075

Avail. Bar, Plate, Tubing,
Extrusions, *Structurals*

Cond. All Tempers

CHROME CARBIDE OVERLAY

Types Single Pass
Double Pass

Sizes Stk 48" x 96", 48" x 120",
60" x 120"

Avail. Cut to Size, Shapes, Pipe

Misc. Roll or Form to Prints

COPPER, BRASS, BRONZE

Avail. Bar, Flat, Sheet, Coil,
Tubing

Cond. All Grades, Tempers

Misc. Stock Ampco, Self-
Lubricating Bronze

ENGINEERED POLYMERS

Types UHMW, Urethane, Nylon
Teflon, Lexan, Plexiglas

Avail. Bar, Plate, Extrusions,
Tubing, Special Shapes

Misc. UHMW—Corrosion/Moisture
Resistant, UV Stabilized, FDA

HIGH MANGANESE (14%)

Avail. Plate, Bar, Wear-Strip

Applic. Wear Parts with High
Impact, Rock Crushers,
Shot Blast Equipment

Misc. Work hardens, 200 to
600 BHN

PLATE

Types

High Strength A572 Grade 50
A514

A516 Grade 70

Press. Vessel SA 387 Grade 11,22

Free Mach. 1144

Carbon Steel A36, 1045, Corten

Alloy Steel See Alloys

STAINLESS STEEL

Types 300 Series
400 Series
15-5, 17-4, 17-7 PH
Nitronic 30, 50, 60

Avail. Bar, Plate, Tubing, Coil,
Screens, Expanded Metal,
TGP Shafting, *Structurals*

SUPER ALLOYS

Types Duplex, Inconel, Monel,
Hastelloy, Nickel Alloys,
Waspaloy, Titanium

Avail. Bar, Plate, Tubing, Shapes,
Sheets

THREADED BAR

Types A193 – B7
A193 – B16
Low Carbon
Stainless Steel

Misc. HT Hex Nuts, Bolts,
Cap Screws

TOOL STEELS

Types A-2, A-6 D-2, D-3
O-1, O-6 W-1, W-2
S-1, S-5, S-7
M-1, M-2, M-42
H-11, H-13, H-21
T-1, T-2, T-15

Avail. Bar, Plate, Flats, Strips,
Hex, Octagon, Hollow
Bar, Precision Ground,
Drill Rod

TUBING — PIPE

Types Alloy, Carbon, Aluminum,
Stainless, Copper, Brass,
Bronze

Cond. Induction-Hardened,
Chrome Plated, Precision
Honed, Chrome Carbide
Overlay (OD & ID) and
Abrasion Resistant

TURNED, GROUND AND POLISHED SHAFTING

Types 1018, 1045, 1141, 1144
4140, 4150, 4340, 4620,
6150, 8620

Sizes ¼" — 20" Diameter

Avail. Stock, Random Length,
Cut to Length

Misc. Stressproof, Pre-Keyed,
Hard Chrome, *Metric*