

P&H ROPE SHOVEL DIPPER · 1¼" FUSED ALLOY FLOOR

FROM THE FACE TO THE LOAD-OUT

SURFACE & UNDERGROUND MINING

Dipper, bucket and truck packages, crusher liners and chutes for surface and underground mines and their plants. We measure it, match the grade to the zone, and build it in Birmingham.

WHAT TASSCO® BUILDS

Built off your spare set, or measured on the machine

01 Shovels and draglines

- Electric rope shovel dipper packages
- Dragline bucket floor and wall packages
- Hydraulic shovel skis and HD wear strips

02 Loaders and haul trucks

- Wheel loader bucket liner sets
- Haul truck box packages: floor, side, tail
- XT or HD in drop zones, Comp-C in tails

03 Crushing

- Cone crusher main frame liners and wear rings
- Impact crusher apron plates
- HD wear bar and ring sets

04 Feeders, pockets and surge bins

- Feeder wall liners and side skirts
- Reclaim pocket and rock box liners
- Primary surge pocket liners

05 Concentrator and mill

- Fine ore bin discharge chute liners
- Ball and rod mill trommel screens
- Rod mill and ball mill feed chutes

06 Conveyors, fans and load-out

- Tripper and transfer chutes
- Fan housing and blade liners
- Drop chute redesigns with DEM modeling

SHOP-BUILT, FIELD-PROVEN



CAT shovel bucket, 2″ and 4″ HD



CAT 994K bucket, 1″ Fused Alloy liner



Field service scanning inside a fan housing

PRODUCTS AND SOLUTIONS · SURFACE AND UNDERGROUND MINING

RIGHT GRADE, RIGHT WEAR ZONE.

Every grade ships from stock as plate, cut to size, or fully fabricated.

FLAGSHIP GRADE · MELTED AND MADE IN USA

TASSCO XT

HARD FROM FACE TO CENTERLINE. CONSISTENT FROM HEAT TO HEAT.

XT is low-carbon, alloy-rich plate that's hard through its full thickness. Chromium, molybdenum and boron carry hardness to the core, nickel adds toughness, and your shop welds it with standard procedure.

477 BHN HARDNESS · 450–514	**.20–.23** % CARBON, ALLOY-RICH
3/16"–1" STOCKED THICKNESS	**170 ksi** YIELD, TYPICAL

TASSCO HD

Through-hardened Q&T plate, heavy sections

450 BHN | 27 FT-LB @ –50°F | 1¼"–5"

- Shovel skis and wear strips, 2" and 4"
- Wear bar and ring sets

FUSED ALLOY

Fusion-bonded CCO, smooth and bead-free

700 BHN | 2:1 VS WELDED CCO | ½"–1¼"

- Dipper floors, 1¼" lining
- Dragline bucket floors

COMP-C

Welded chromium carbide overlay

60 HRC | 1L / 2L | 3/8"–1½"

- Truck box tails
- Rolled bucket liners

CORRHARD

Martensitic stainless, abrasion plus corrosion

314 BHN | 12% CR | 3/16"–1"

- Wet concentrator chutes
- Slurry and tailings handling

HOW WE WORK

One supplier, one number to call

01 MEASURE
Off your spare set, off the machine, or with LiDAR scanning and DEM modeling.

02 DRAW
Grade, thickness, holes and bends. Kept on file for next time.

03 FABRICATE
Cut, formed, rolled, beveled and drilled in our Birmingham shop.

04 DELIVER
Marked and kitted for the change-out, ready to bolt up or weld in.

TALK TO A WEAR SPECIALIST

BRING A DRAWING, A WORN PART, OR A PHOTO.

We'll take it from there.

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TASSCO.COM