FROM THE RAW COAL PILE TO THE TRAIN

COAL MINING & PREPARATION

Rotary breaker screens, heavy media vessel liners, screen decks and chute liners for coal prep plants and the mines that feed them. Built to your drawings, or your worn part, in Birmingham.



ROTARY BREAKER WITH TASSCO XT SCREENS

WHAT TASSCO® BUILDS

Built off your spare set, or measured on the machine

01 Rotary breakers

- Rotary breaker screens
- Lifters, plows and segmented sprockets
- Breaker feed chute liners

02 Heavy media vessels

- Peters and Daniels vessel liner sets
- Vessel flights, sprockets, tracks and clips
- Washer bottoms in Comp-C or Fused Alloy

03 Screens and sump tops

- Scalping, top deck and intermediate screen decks
- Raw coal and heavy media sump tops
- Deslime and gradient deck plates

04 Dewatering and fines

- Dewatering screws and XT troughs
- Stainless screen plates and dilute sump tops
- Screen springs and screen rolls

05 Bins, feeders and chutes

- Rock and gob bin liners and cone sections
- Bunker feeder pans and slope liners
- Transfer, crusher feed and load-out chute liners

06 Mining equipment

- Longwall shearer drums armored with Range Tuff
- Drag conveyor liners
- Dozer liners and patches

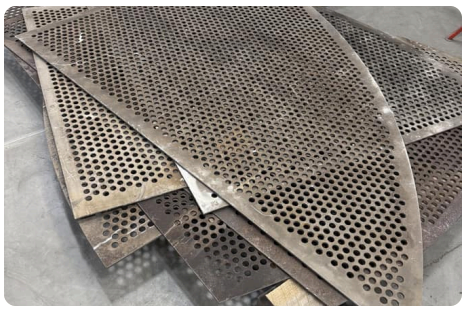
SHOP-BUILT, FIELD-PROVEN



Longwall shearer drum, Range Tuff armored



Fabricated hopper, ready to ship



Sump top screens

PRODUCTS AND SOLUTIONS · COAL MINING AND PREPARATION

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

FUSED ALLOY

Fusion-bonded CCO, smooth and bead-free

700 BHN · 2:1 VS WELDED CCO · ½"–1¼"

- Bunker feeder pans and skirtboards
- Chutes where coal has to keep moving

CORRHARD

Martensitic stainless, abrasion plus corrosion

314 BHN · 12% CR · 3/16"–1"

- Sump tops and wet screen plates
- Where carbon plate rusts through

COMP-C

Welded chromium carbide overlay

60 HRC · 1L / 2L · 3/8"–1½"

- Vessel liners and washer bottoms
- Transfer and head chute liners

RANGE TUFF

High-chrome white iron, weld-on

700 BHN · 4 FORMS · WELD-ON

- Longwall shearer drums and cutter heads
- Breaker and grizzly wear points

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