FROM THE BARGE TO THE STACK

COAL-FIRED POWER GENERATION

The right alloy and the right geometry for every wear point, from barge unloading and the coal yard through pulverizing, emissions control and ash. Fabricated in house and ready for your outage.

WHAT TASSCO® BUILDS

Built off your spare set, or measured on the machine

01 Pulverizers

- Pulverizer housing liner sets
- Tire shields and turning vane liners
- Classifier cones, mill cones, bottom plates

02 Coal receiving and yard

- Unloader bucket assemblies, digging ladders
- Car dump and track hopper liners
- Stacker and reclaimer chutes and flights

03 Crushing and sizing

- Crusher cages and screen plates
- Rotary breaker screen plates and lifters
- Crusher side and hopper frame liners

04 Boiler and emissions control

- Burner nozzle diffusers and burner cones
- ID fan blades, housings, tube shields
- SCR static mixer discs and collars

05 Ash handling

- Fly ash chute transitions and scroll liners
- Fly ash screw conveyors and troughs
- Bottom ash conveyor liners and elbows

06 Chutes and flow control

- Head chutes with diverter gates
- Square-to-round and crusher transitions
- Bunker, silo and feeder hopper liners

SHOP-BUILT, FIELD-PROVEN



Pennsylvania Crusher cage with screen plates



Diverter chute, built in house

PRODUCTS AND SOLUTIONS · COAL-FIRED POWER GENERATION

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

FUSED ALLOY

Fusion-bonded CCO, smooth and bead-free

700 BHN · 2:1 VS WELDED CCO · ½"–1¼"

- Bottom ash conveyors, smooth face so ash releases
- Shape cut liners with countersunk bolt holes, stud welds, drilled and tapped holes or plug weld holes

CORRHARD

Martensitic stainless, abrasion plus corrosion

314 BHN · 12% CR · 3/16"–1"

- Fly ash and scrubber service
- Wet coal fines

COMP-C

Welded chromium carbide overlay

60 HRC · 1L / 2L · 3/8"–1½"

- Clad ash elbows and dead boxes
- SCR mixer collars

MAGNA TUFF

Magnetic rubber modules, installed by hand

40 SHORE A · NO HOT WORK · BOX OF 10

- Worn-through spots in chutes
- No hot work permit needed

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.

PHONE
205-949-2725

EMAIL
sales@tassco.com

TASSCO.COM