FROM THE LOG YARD TO THE BOILER

BIOMASS & WOOD PELLETS

Dryer, hammermill, pellet mill and fuel handling wear parts for wood pellet plants and biomass power stations. Built in Birmingham to your drawing or your worn part.



XT CYCLONE, FUSED ALLOY TARGET PLATES

WHAT TASSCO® BUILDS

Built off your spare set, or measured on the machine

01 Log yard and chipping

- Debarker and chipper in-feed chutes
- Chip screen decks and scalping discs
- Log deck and transfer liners

02 Green fiber and drying

- Rotary dryer flights and drum liners
- Dryer in-feed and discharge screws
- Green hammermill housing liners

03 Dry grinding and air

- Dry hammermill liners and breaker plates
- Cyclones, target plates, wear-back elbows
- Rotary airlock and diverter liners

04 Pelleting and cooling

- Pellet mill feeder and conditioner liners
- Pellet cooler and screener liners
- Fines return screws and troughs

05 Storage and load-out

- Silo discharge cones, live-bottom liners
- Railcar, truck and ship load-out chutes
- Drag conveyor floor and side liners

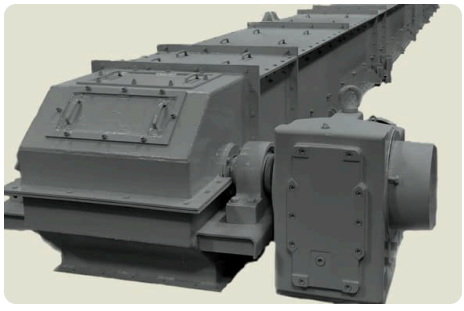
06 Biomass power

- Fuel reclaim screws and drag chain liners
- Boiler feed chutes and metering bins
- Ash drag conveyor and screw liners

SHOP-BUILT, FIELD-PROVEN



XT bark scalping discs



Drag chain conveyor, built in house



Rotary dryer lifter flights

PRODUCTS AND SOLUTIONS · BIOMASS AND WOOD PELLETS

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"

- Chutes and drag floors where fiber must keep moving
- Cyclone target plates

COMP-C

Welded chromium carbide overlay

60 HRC · 1L / 2L · 3/8"–1½"

- Hammermill liners and screws
- High-abrasion flow

CORRHARD

Martensitic stainless, abrasion plus corrosion

314 BHN · 12% CR · 3/16"–1"

- Wet green fiber and ash service
- Where 304 stainless gives up

MAGNA TUFF

Magnetic rubber modules, installed by hand

40 SHORE A · NO HOT WORK · BOX OF 10

- Running-line patches
- No hot work near combustible dust

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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