

RAW MILL REJECT CHAMBER LINERS, INSTALLED

FROM THE QUARRY TO THE FINISH MILL

CEMENT PLANTS

Wear plate, overlay and fabricated liners for every system from raw material receiving to the finish mill. We measure the part, match the grade to the zone, and build it in Birmingham for your outage.

WHAT TASSCO® BUILDS

Built off your spare set, or measured on the machine

01 Raw material receiving

- Box feeder paddles and scraper elements
- Apron and pan feeder liners and flights
- Crusher side liners, hood walls, doors

02 Raw grinding

- Feed chute cassettes and outlet patches
- Body wall, plow and lower housing liners
- Rock guards, grinding path bars, scatter rings

03 Pyroprocessing

- Riser duct liners, meal pipes, dip tubes
- Tipping and flapper gates
- Kiln feed and alternative fuel chutes

04 Clinker handling

- Drag conveyor liners and discharge chutes
- Clinker transfer chutes
- Clinker bin liners

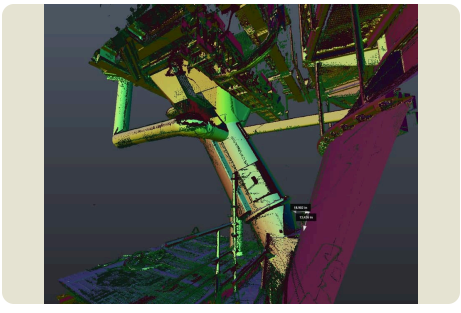
05 Finish grinding

- Ball mill inlet cones and feed end liners
- Center screens and diaphragm grates
- Vertical roller mill upper and lower liners

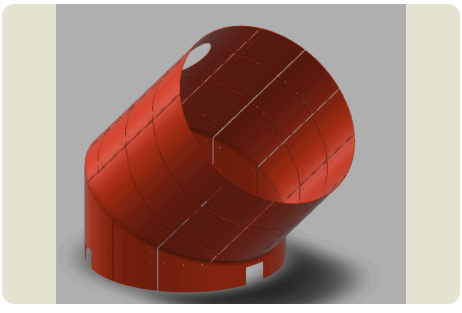
06 Fans, dust and load-out

- Cyclone and ID fan side and scroll liners
- Diverter gate and blade gate liners
- Gypsum and limestone hoppers, reject bins

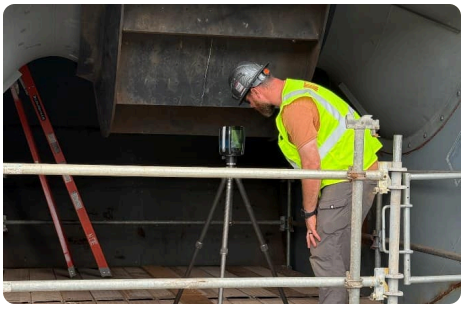
SHOP-BUILT, FIELD-PROVEN



LiDAR scan of a raw mill feed chute



3D model of a separator liner set



Field service scanning inside a fan housing

PRODUCTS AND SOLUTIONS · CEMENT PLANTS

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

COMP-C

Welded chromium carbide overlay

60 HRC · 1L / 2L · 3/8"–1½"

- Separator cones
- Mill liners

FUSED ALLOY

Fusion-bonded CCO, smooth and bead-free

700 BHN · 2:1 VS WELDED CCO · ½"–1¼"

- Rock guards and scatter rings
- ID fan scrolls and blades

CORRHARD

Martensitic stainless, abrasion plus corrosion

314 BHN · 12% CR · 3/16"–1"

- Clay and shale hoppers
- Gypsum bins and hoppers

MAGNA TUFF

Magnetic rubber modules, installed by hand

40 SHORE A · NO HOT WORK · BOX OF 10

- Running-line patches
- 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.

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TASSCO.COM