TRADEPASS

SPECIALIST STEEL · ONE-PAGER

Earthmoving

AR wear plate for excavators, dozers, scrapers, graders and dump bodies

Where wear bites in earthmoving

Earthmoving fleets fight a mix of **gouging abrasion** at every cutting edge (soil, rock, frozen overburden), **impact loads** at the bucket teeth, ripper shanks and dump-body floors, and **sliding abrasion** along bucket interiors, dozer mouldboards and dump-body walls. Mild-steel cutting edges fold in days; rebuilt edges with hard-facing welds spall and crack. Quenched-and-tempered (Q&T) AR plate, supplied as bucket liners, bolt-on cutting edges, dozer-blade overlays and dump-body floors, doubles edge life on average and lets the fleet keep its scheduled rebuild window without buying full new buckets.

Components where AR plate goes

In contractor and mining-fleet earthmoving, Tradepass AR wear plate is supplied for:

- Excavator buckets - bucket floors, side walls, heel shrouds, lip overlays, bolt-on cutting edges, side cutters.
- Wheel-loader and front-shovel buckets - same wear locations as above, plus bottom and rear wear strips.
- Bulldozer mouldboards, blade end-bits, push-frames and stinger plates.
- Motor-grader mouldboards, scarifier teeth, end-bits and circle-side wear strips.
- Scraper bowls - floor, side-wall and apron liners.
- Ripper shanks, ripper-tip protectors and ripper-tooth carriers.
- Dump-truck and articulated-dump-truck (ADT) bodies - floor plates, side walls, headboard liners and tailgate edges.
- Skid-steer attachments, backhoe buckets and trencher chain guards.

Plates are cut to size, bevel-prepared, hole-drilled for bolt-ons and formed where the part needs it, supplied with **mill test certificate** showing heat number, chemistry and mechanicals - traceable from the mill to your shop floor.

Grade recommendations from the Tradepass stock range

Where it goes	Recommended grade	Tradepass stock
Light wear: backhoe buckets in soft ground, light scraper aprons, skid-steer attachments	AR200	5-25 mm, both warehouses
General wear: dump-truck floors and walls, dozer mouldboards, grader mouldboards, wheel-loader bucket liners	AR400	2-100 mm, both warehouses
Heavy wear: excavator bucket floors and side walls in rocky ground, front-shovel buckets, ripper carriers	AR500	3-80 mm, both warehouses
Extreme abrasion: bolt-on cutting edges, lip overlays, dragline-style buckets on hard rock	AR600	5-16 mm, both warehouses
High-impact: bucket teeth seat plates, dozer end-bits, ripper-tip protectors taking shock loads	Mn13 (work-hardens to ~550 HB)	6-100 mm, both warehouses

Why Tradepass

Mill-direct import from leading Indian and global mills - Tata Steel, AMNS India, Jindal Steel (JSPL), Baosteel, Shougang. Both Kalamboli and Faridabad warehouses carry the full AR range plus S690QL high-strength plate for crane booms and structural members. WhatsApp us the machine, the ground conditions and the wear part - we recommend a grade, thickness and cut size, usually within the hour during working hours.

Tradepass Advance Materials LLP · Trading since 2016

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