



CASE STUDY



WASTE & RECYCLING DEFLECTOR PADS

PROBLEM:

The Solid Waste Handling company was experiencing excessive wear and downtime, providing maintenance on their equipment. They were installing AR500 deflector pads, which needed replacement interventions every 1,300 Hours.

CHROMEWELD™ 600 DEFLECTOR PADS DELIVER...

- **20% LONGER WEAR LIFE**
- **REDUCED DOWNTIME**

Over standard AR500 Deflector Pads



WHO: SOLID WASTE MATERIAL HANDLER

WHAT: CHROMIUM CARBIDE OVERLAY DEFLECTOR PADS

WHERE: CALIFORNIA, USA

INDUSTRY: WASTE & RECYCLING

CHALLENGE: HIGH IMPACT & ABRASION

SOLUTION: CHROMEWELD 600 W / PERIMETER WELDING



BEFORE

AFTER



AR 500

CW 600

AR 500

CW 600

DATA: WEIGHT LOSS - LIFE OF PART

PAD TYPE	DURATION START•MID•END	START WEIGHT	FINAL WEIGHT	WEIGHT LOSS
TOP ROW				
AR500	620•686•1306	4742g	1925g	59%
CW600	620•686•1306	4165g	2437g	41%
AR500	620•686•1306	4748g	1807g	62%
CW600	620•686•1306	4212g	2465g	41%
AR500	620•686•1306	4748g	1891g	60%
CW600	620•686•1306	4227g	2338g	45%
AR500 AVG. LOSS: 60% • CW600 AVG. LOSS: 42%				
MIDDLE ROW				
AR500	639•621•1260	4772g	2038g	57%
CW600	639•621•1260	4140g	2686g	35%
AR500	639•621•1260	4790g	1973g	58%
CW600	639•621•1260	4112g	2534g	38%
AR500	639•621•1260	4796g	2244g	53%
CW600	639•621•1260	4133g	2674g	34%
AR500 AVG. LOSS: 56% • CW600 AVG. LOSS: 36%				

CHALLENGE:

High Impact & Abrasive Wear on Deflector Pads

- Currently using AR500 Pads
- Maintenance Interventions Every 1,300 Hours

INSTALLATION:

SPECIFICATIONS

- Size: 4" x 10" x 1"
- Location: Top Row / Middle Row
- Rotation/Replacement : 686 Hours / 1300 Hours
- AVG. Pad Weight Loss: AR 500 ~56% / 60%

SOLUTION:

CCO PADS

- Install CW 600 PADS
- Rotation/Replacement : 686 Hours / 1300 Hours
- AVG. Pad Weight Loss: CCO ~36% / 42%

RESULTS:

CHROMEWELD 600 PADS DELIVER...

- **20% LONGER WEAR LIFE**
- **REDUCED DOWNTIME**

* Over standard AR500 Pads

GET A QUOTE

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MADE IN USA

