

Downstream Separation

Metal Recovery Solutions Customized to Your Needs



Riverside Engineering
Makers of the MEGASHREDDER®

866.764.7567
megashredder.com

FERROUS DOWNSTREAM SYSTEMS

Integrated with the best technologies available, Riverside Engineering develops proprietary Ferrous Downstream Systems that are built to last and customized for your specific application needs.

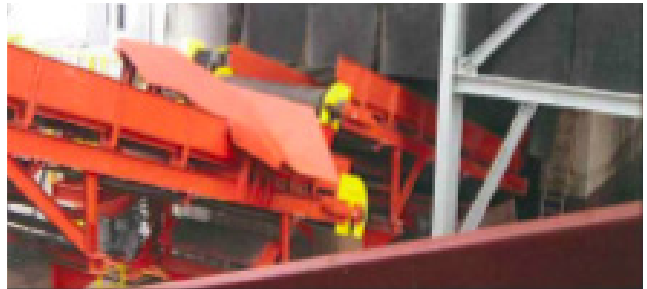


FERROUS DOWNSTREAM SYSTEMS



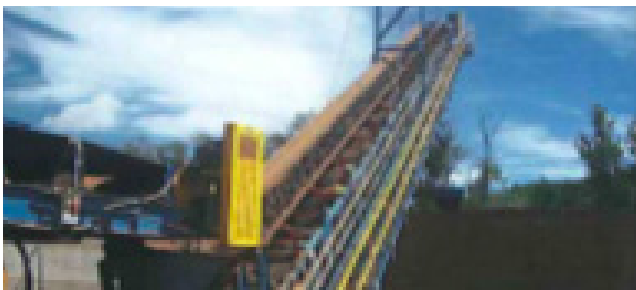
Magnet Stands and Platforming

- » Heavy steel cross sections
- » Minimal spillage
- » Wide platforms for easier maintenance



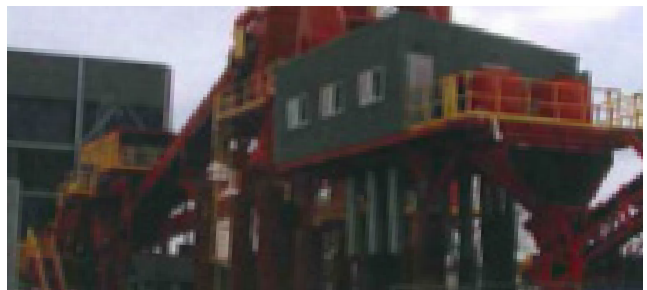
Poker Pickers

- » Tilting and fixed positions
- » Reduces jams and ripped belts



Robust Conveying Equipment

- » Designed for minimal spillage and higher recovery rates
- » Sturdy fabrication designed for long life
- » Superior top-grade components, belting and belt scales



Air Classifier Separation Systems

- » "Closed loop" systems
- » Highly efficient waste removal
- » Designed for easy maintenance

Picking Houses and Enclosures

- » Special purpose construction

NON-FERROUS DOWNSTREAM SYSTEMS

Riverside Engineering's Non-Ferrous Downstream Systems use the most advanced separation technologies available, including Eddy Current, Sensor, Optical and X-Ray. Starting with a customized concept layout, our high-quality conveyor, platforming and structural fabrications are uniquely designed for maximum recovery.



NON-FERROUS DOWNSTREAM SYSTEMS



Feeders

- » Vibrating pan
- » D-4 track
- » Adjustable flow rates
- » Ranges 2 - 80 TPH



Affordable Custom-Built Non-Fe Plants

- » Maximum efficiency and recovery
- » Higher purity
- » Maximizing revenue and profit
- » From zorba to copper fines



Sizing Solutions for Optimal Separation

- » Trommels
- » Vibrating Screens
- » Disk Screens



ASR Debulking for Downstream Efficiency

- » Patented IQASR
- » Other



B-p26

SHAFT, 1045 Ø7-1/2" STOCK, MACHINE
SCALE 1/8
2 REQ'D

SECTION A-A
SCALE 1/4

B-p27

SHAFT, 1045 Ø4-1/2" STOCK, MACHINE
SCALE 1/8
2 REQ'D

SECTION A-A
SCALE 1/8

B-t10

Ø7.00 O.D. x 1/2" WALL x 7.00 I.D., SAW CUT
SCALE 1/8
1 REQ'D

SECTION A-A
SCALE 1/8

B-t11
TUBING, DOM 5.00 O.D. x 3/8" WALL x 4.25 I.D., SAW CUT
SCALE 1/8
1 REQ'D

ASSEMBLY B-03 TAIL P
B-s01 & B-s02 AS SHOWN
B-02 AND BALANCE AT

Ø17/32 DR. THRU
ON Ø4.625 B.C. EQ. SP.
AS SHOWN

0.06 X 45°
2 PLCS.

1.00

0.50

0.06 X 30°
2 PLCS.

R0.09-2 PLCS.

SECTION A-A
SCALE 1/4

B-s01

SHAFT, 1045 Ø5-15/16" STOCK, MACHINE
ON-DRIVEN STUB SHAFT FOR Ø2-7/16" BRG
SCALE 1/4
1 REQ'D



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Ø4.502^{+0.002}_{-0.000}
2 PLCS.

Ø29/64 DR. THRU
1/2-20 UNE TAP THRU
ON Ø5.375 B.C. EQ. SP.
AS SHOWN-2 PLCS.

PL 1/2" A36

SEE P. 2