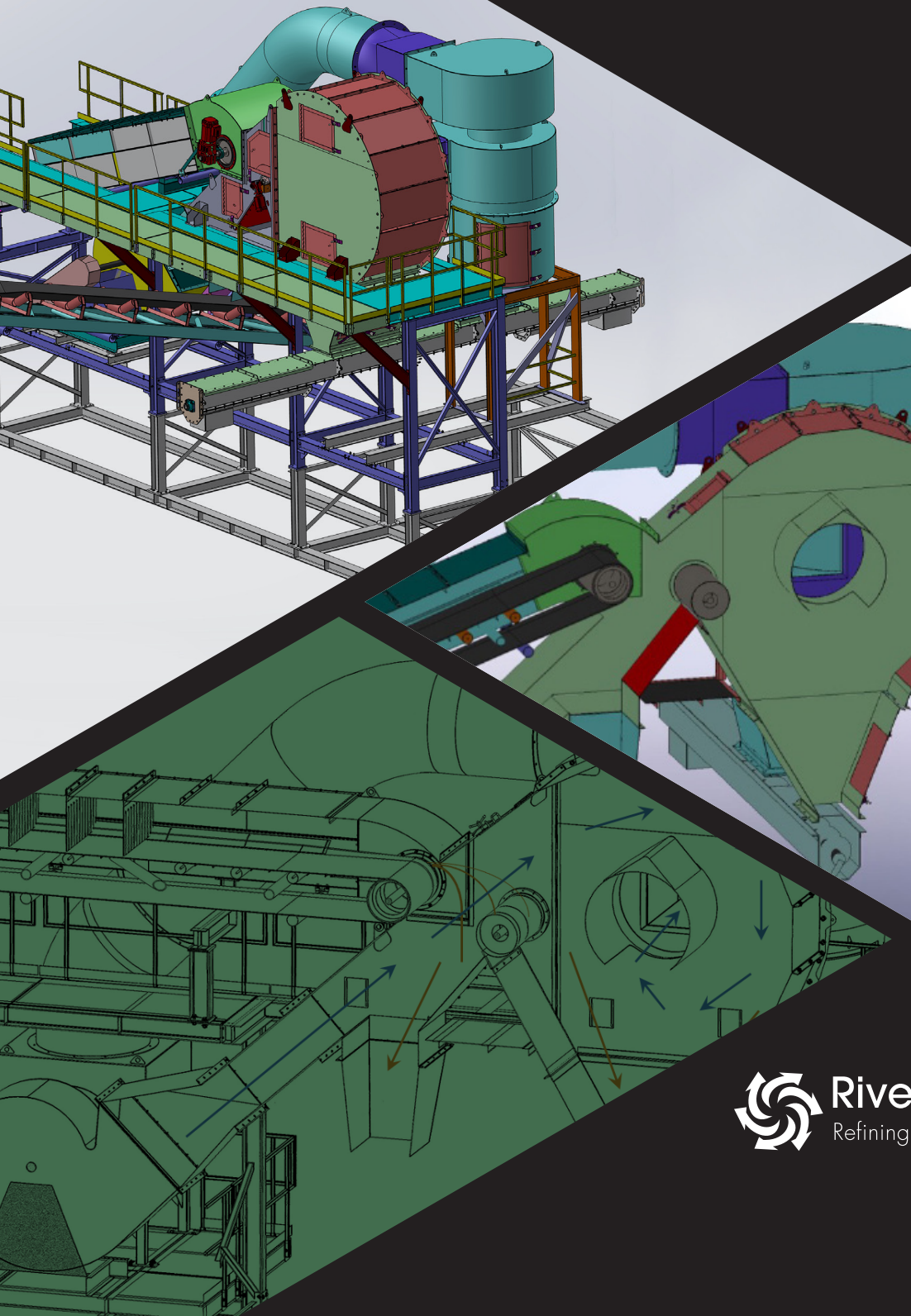


# KB60 Non-Ferrous Debulker

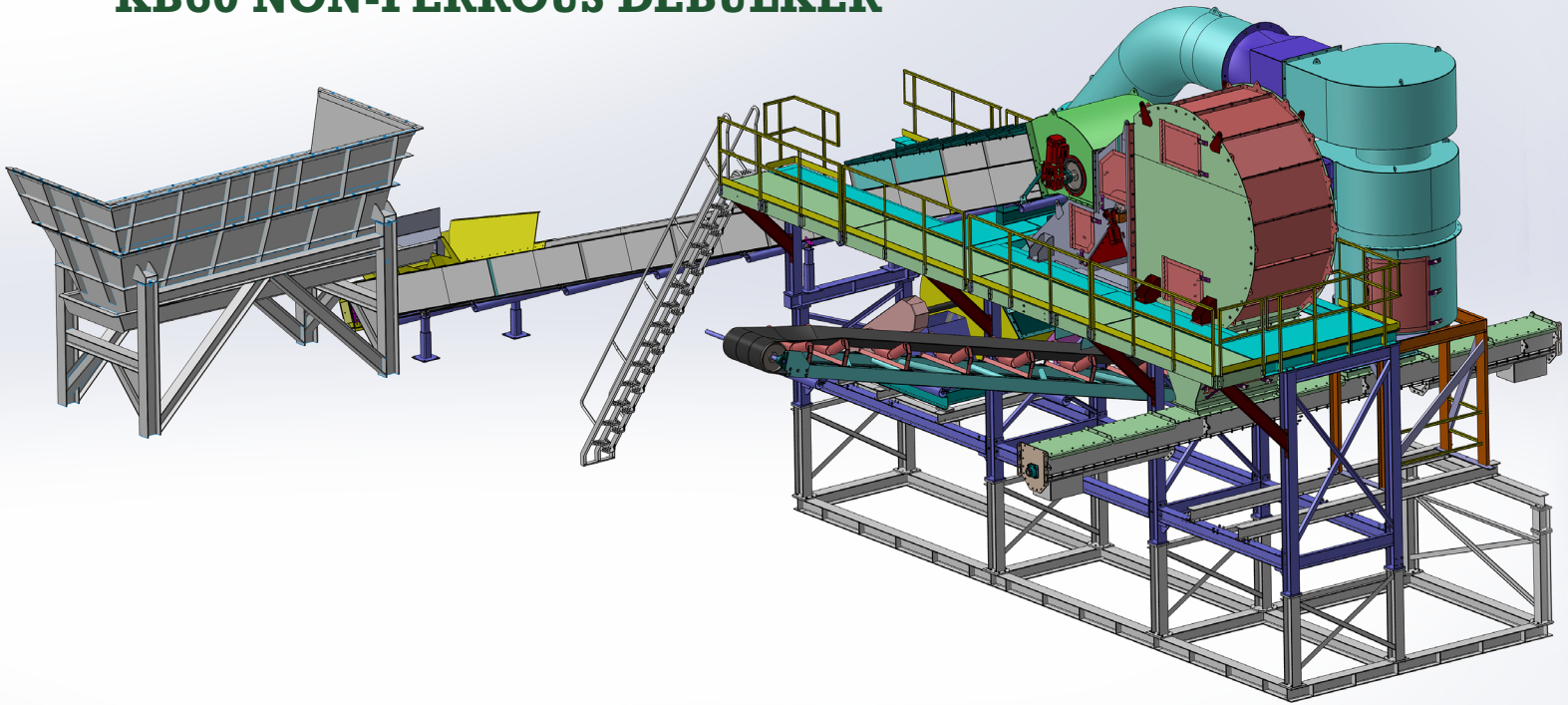
Maximize your Non-Ferrous Recovery



**Riverside Engineering**  
Refining Scrap Metal Recycling

**866.764.7567**  
**megashredder.com**

# INTRODUCING THE RIVERSIDE KB60 NON-FERROUS DEBULKER



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## ENGINEERED SPECIFICALLY FOR THE RECYCLING INDUSTRY

The KB60 is a purpose-built high throughput debulking system designed from the ground up to remove the unwanted fraction of raw ASR before it reaches sensitive separation technologies.

### THIS TARGETED APPROACH MEANS:

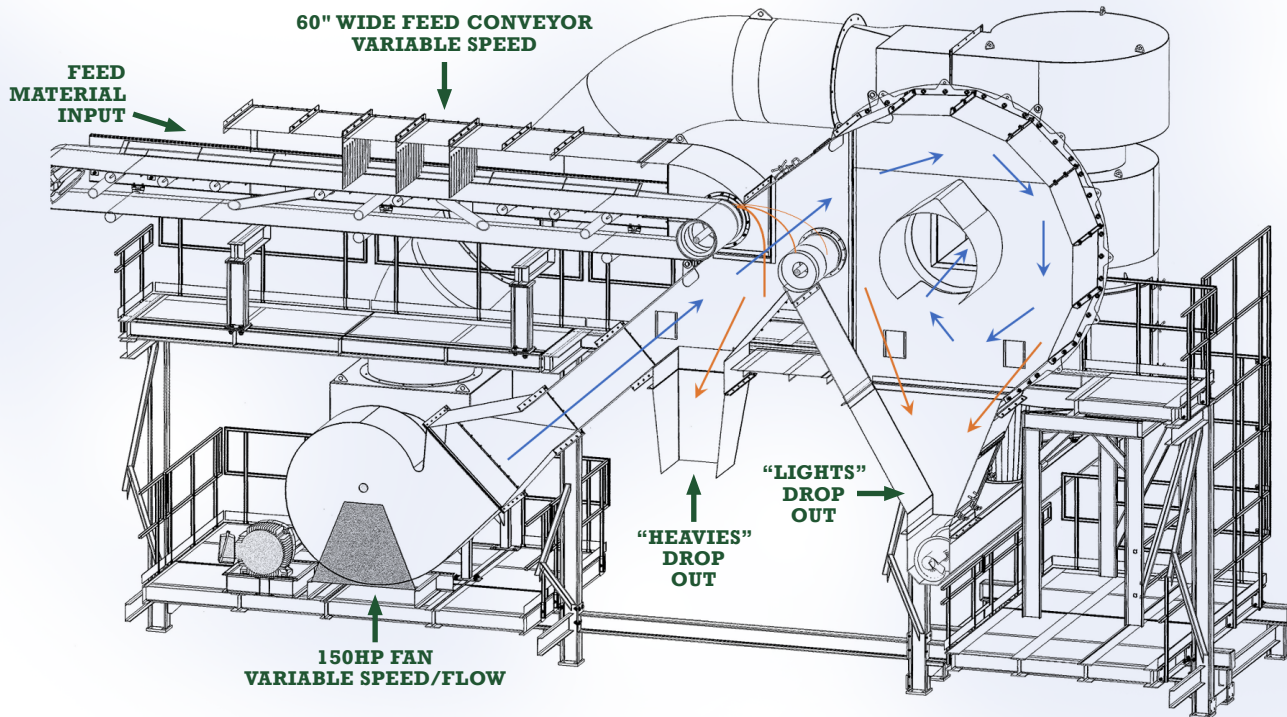
- » **Optimized Performance:** Unlike generic air sorting technologies, the KB60's configuration, featuring a Rotary Drum Splitter and Dual Dropout Chambers, is precisely tuned to efficiently separate and remove bulky waste prevalent in ASR.
- » **Seamless Integration:** Its compact footprint allows for easy integration into your existing non-ferrous processing lines or as a standalone system, regardless of fraction size.

### BUILT TO LAST: HEAVY-DUTY DURABILITY

In the demanding world of metal recycling, downtime is costly. That's why the KB60 ASR Debulker is engineered with uncompromising heavy-duty construction. From its robust Batch Feeder and Feeding Input Conveyor to its powerful Primary Fan and Allen-Bradley Controls, every component is built for continuous, high-throughput operation. You can count on the KB60 to withstand the rigors of processing 40 tons of ASR per hour, day in and day out.



# CAPABLE OF PROCESSING 40 TONS OF RAW ASR PER HOUR



## UNMATCHED VOLUME REDUCTION EFFICIENCY

The KB60 ASR Debulker delivers a powerful return on investment through its exceptional volume reduction efficiency, achieving reductions of up to 50%.

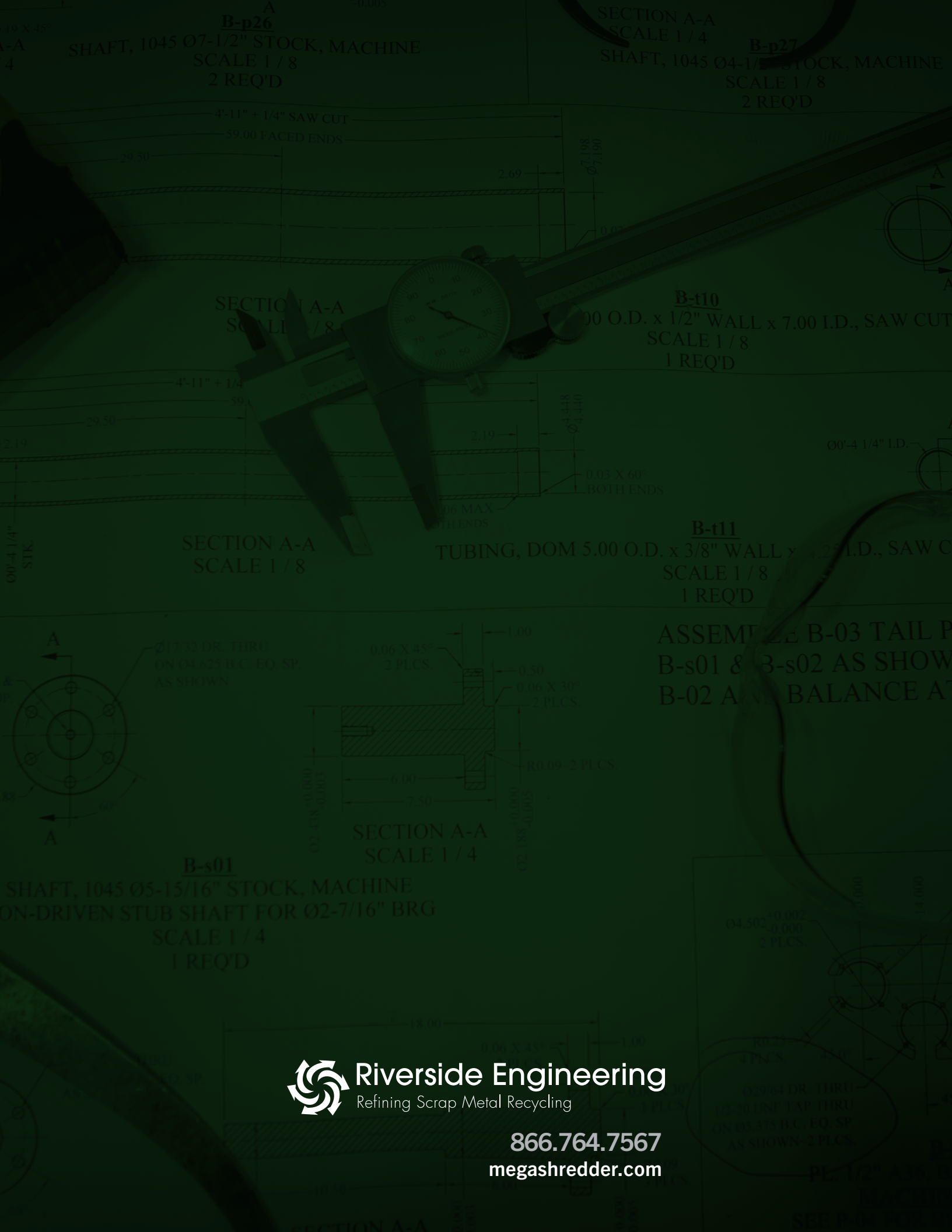
### THIS TRANSLATES DIRECTLY TO:

- » Reduced Storage and Transportation Costs
- » Enhanced Separation Efficiency
- » Reduced/Improved Material Handling
- » Stockpile Reduction and Mitigation of Fire Risk

## HIGH CAPACITY SYSTEM CAPABLE OF 40 TONS PER HOUR

The KB60 ASR Debulker is a high-capacity system, up to 40 tons per hour, with a closed-loop configuration including:

- » Batch Feeder
- » Feeding Input Conveyor
- » Rotary Drum Splitter
- » Dual Dropout Chambers for Heavies & Lights
- » Discharge Conveyors
- » Centrifugal Separator with Floor Sweeper
- » Primary Fan 150hp
- » Allen-Bradley Controls in a pre-wired E-module for “plug and play” Installation



**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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