

◆ I want to increase material yields!

I want to reduce scrap material ratios!

Using an AIDA
Straightener
Feeder

8% improvement in the scrap ratio.

■ Customer's Application: Motor Cases

【Before】

■ Situation Before Consulting with AIDA ENGINEERING, Ltd.:

The customer was blanking $\phi 90$ mm round blanks in a single line using 100 mm width coil material. Coils were being changed 9 times each day.

【Countermeasure】 Changed to a multi-out zigzag feed.

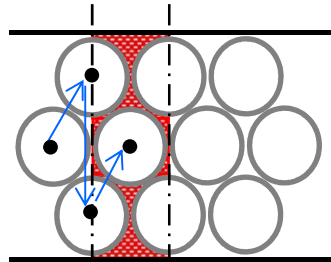
→ Able to blank out 3 lines using a feeder with zigzag functionality.

Single-Out Blanking Scrap
Ratio: Approx. 28%



Effectively utilizes
this material.

Three-Out Blanking Scrap
Ratio: Approx. 20%



【After】

The scrap ratio was reduced from 28% to 20%.

- When comparing coils with the same weight, the output from a single coil is improved by 8%.

《Additionally.....!》

- When comparing coils with the same diameter:
Coil changes were reduced to 3 changes/day.

The coil change setup times were also reduced from 135 minutes per day to 45 minutes.

Please contact
AIDA for details.