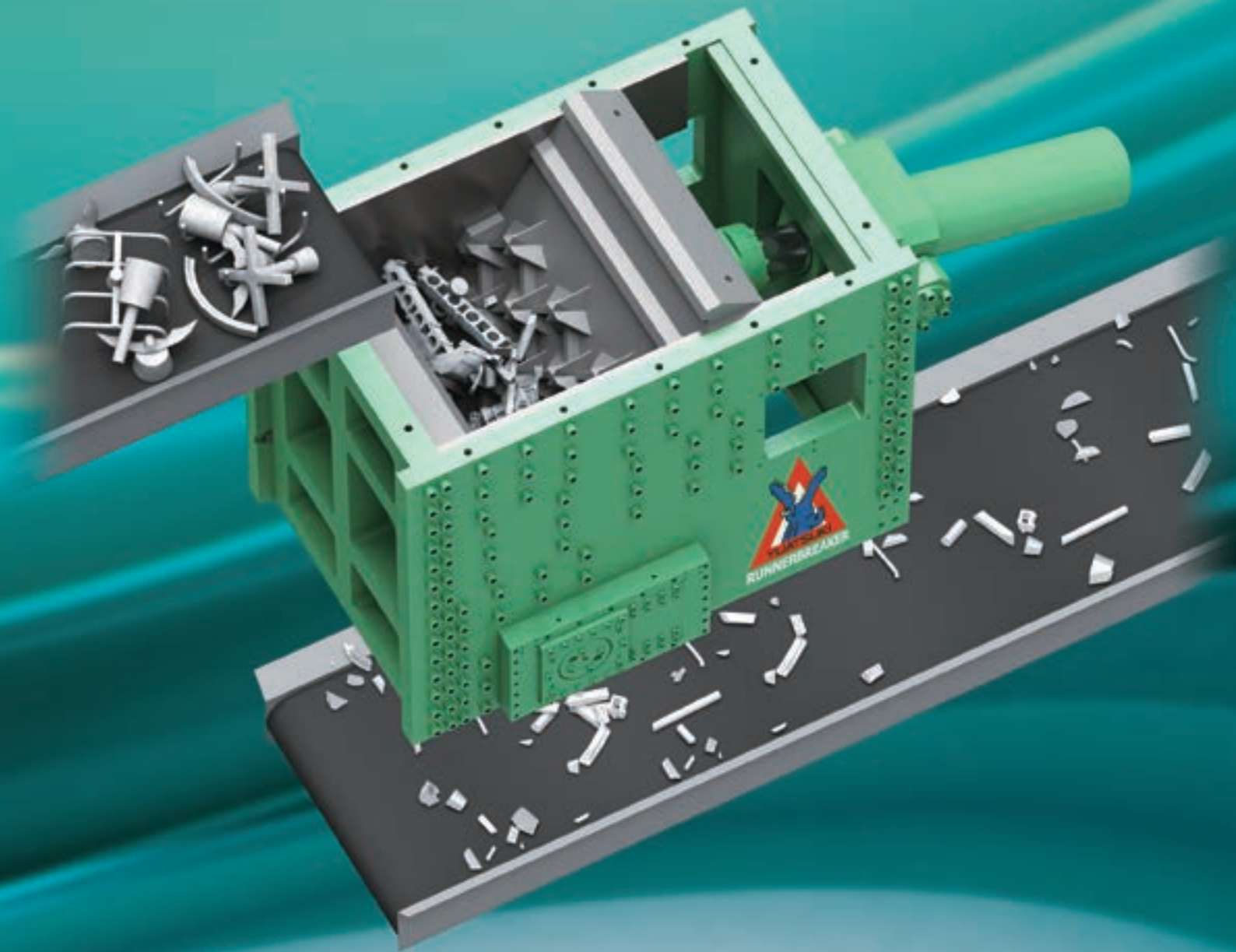


SPRUE CRUSHER

RUNNERBREAKER

FOR ALUMINIUM ALLOY



Improvement of Aluminium Alloy Recycling Efficiency.

Aluminium is used for a great variety of products in the global casting industry, especially in automotive and aerospace. One of the most important processes in the production cycle is the remelt and recycle methods for scrap and other returnable material.

The conventional recycle method is direct feeding or labor intensive, manual break up of large, dangerous material which is the main cause of bridging, injuries, high furnace maintenance, costly downtime etc. YUATSUKI now offers a more effective, cost efficient method. We offer a simple solution through the introduction of the RUNNERBREAKER aluminium alloy sprue crusher.



Decreased Production Cost / Increased Efficiency

APPLICABLE MATERIALS

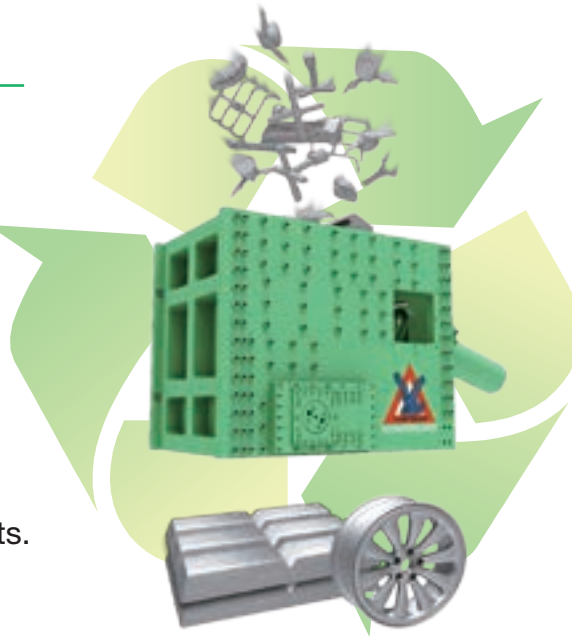
○ ALUMINIUM ALLOY
(Magnesium etc.)

*Please contact for unlisted material information.

*For ferrous material, please check official website.

CHARACTERISTICS

- 1 Adjustable Breaking Status.
- 2 Line Integration.
- 3 Minimum Maintenance Costs.
- 4 Decreased Running Cost.



Runners, Sprue,
Gates, Cups,
Rejected Casting and
all Recyclable Material etc.

Aluminium Alloy
size reduction through
RUNNERBREAKER process.

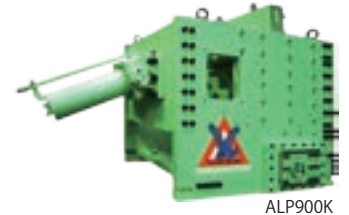
Reintroduction
Remelt
Recycle

Combining gravity with the latest crushing technology and new blade design.



Through years of experience, we have trialed, modified and developed a RUNNERBREAKER and crushing blade specifically designed to effectively crush, and slice through recyclable aluminium alloys with the greatest of ease.

A simple cut and crush mechanism reduces material to preset, uniform size.

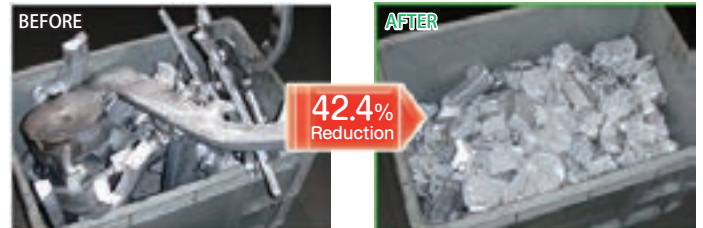


TEST RESULTS FOR ALUMINIUM ALLOY



*RUNNERBREAKER ALP1500K

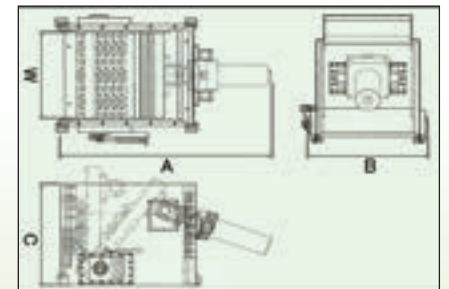
REDUCED GEOMETRICAL DENSITY



SPECIFICATIONS

MODEL	ALP450K	ALP600K	ALP900K	ALP1200K	ALP1500K	ALP2000K		
LENGTH (mm) (A)	1,750	2,300	2,750	2,900	4,250	5,500		
WIDTH (mm) (B)	650	850	1,150	1,550	1,900	2,350		
HEIGHT (mm) (C)	900	1,100	1,200	1,400	1,900	2,400		
OPENING SIZE (mm) (W)	450 x 400	600 x 600	900 x 900	1,200 x 1,200	1,500 x 1,500	2,000 x 2,000		
CRUSHING CAPACITY (kg/h)	Aluminium alloy		400	1,200	2,000	3,200	4,200	5,600
CYLINDER MAX. OUTPUT (t)	20	30	30	50	100	150		
MAX. PRESSURE (MPa)	12	12	12	12	12	12		

DIMENSIONS



*Depending on material, final design may differ from above drawings. *Crushing capacity may change depending on the size and geometry of material.

*YUATSUKI Co., Ltd. shall provide engineering assistance for specification of hydraulic unit, control panel and devices, and also general lay-out of total equipment.

*These specifications may change without notice. *Please feel free to ask about any alterations or additions to these specifications.



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