

SPRUE CRUSHER

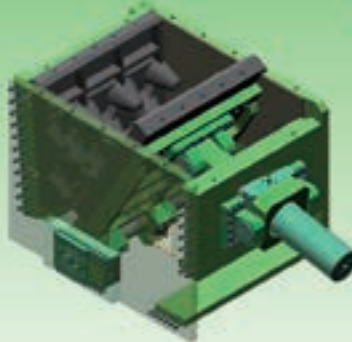
# RUNNERBREAKER



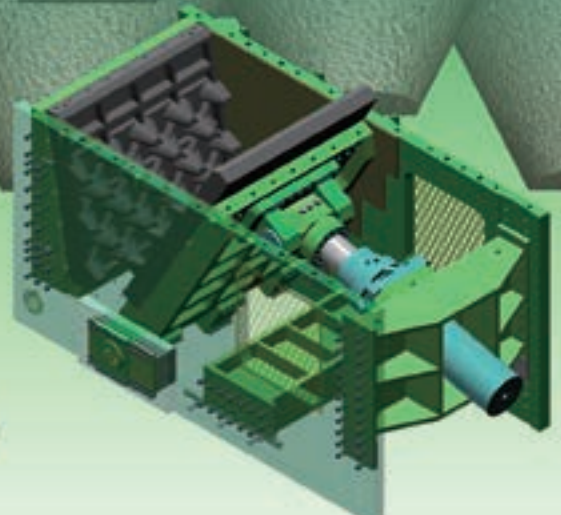
ALP600



ALP900



ALP1200



ALP1500

## The patented 3-Dimensional action of the blades crush out the sprue exactly as required.

The "RUNNERBREAKER" is a recently innovated machine, which solves the problems of conventional sprue crushers.

The patented 3-Dimensional action of the machine breaks portions of runners you require.

This improves the melting efficiency, saves the running cost and the environment.

On-line processing installation is an alternative way for automatic operation with labor free.



碎  
CRUSH



# Improve the re-melting efficiency and decrease energy consumption

## APPLICABLE MATERIALS

- Ductile and Gray iron (FC, FCD)
- Rock, Stone, Concrete and Fire proof brick
- Others... (Synthetic rosin, Mould sand, Dross, Slag etc)

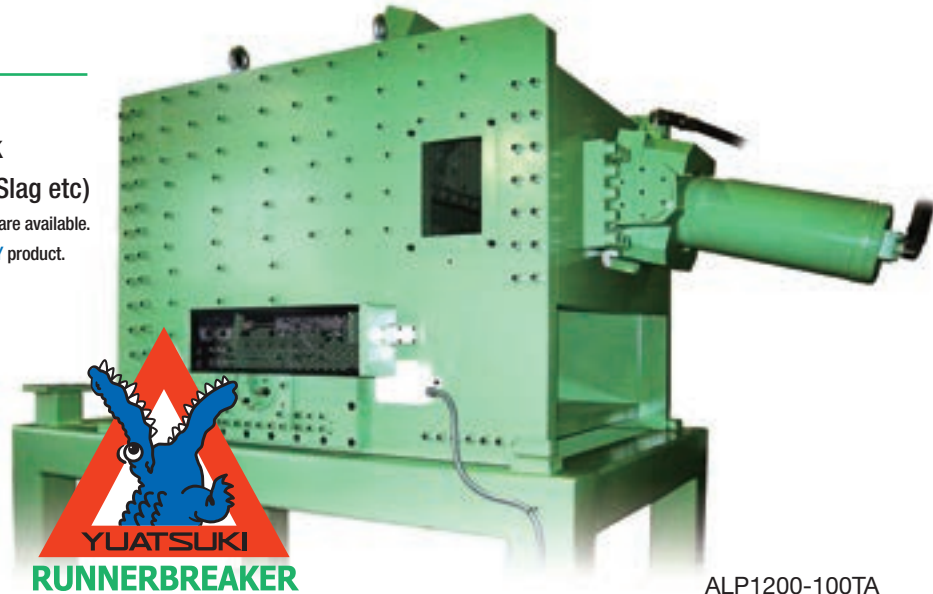
\*Unlisted material can be discussed. Different crushing capacities/through put are available.

\*For Aluminium material, please check [RUNNERBREAKER](#) for [ALUMINIUM ALLOY](#) product.

## CHARACTERISTICS

Please feel free to ask about any alteration based on the furnace.

- 1 Variable ways of crashing
- 2 Possible to on-line processing
- 3 Minimum the maintenance cost
- 4 Running cost savings

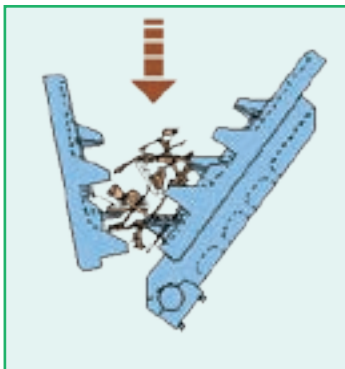


ALP1200-100TA

JAPAN PAT. USA PAT. EU PAT. (GERMANY, FRANCE, DENMARK, SWITZERLAND) UK, SOUTH KOREA, CHINA, BRAZIL and others.

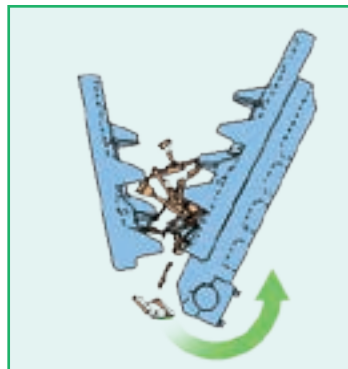
## CRUSHING PROCESS

The principle of leverage is applied to crash the material. The size is adjustable by presetting the occlusion of the blades.



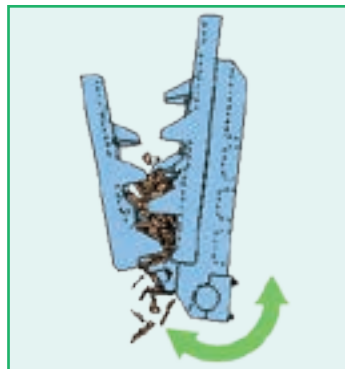
### 1 Charging

Material is charged into the top opening. Small pieces drop through but larger, longer pieces remain in the crushing zone.



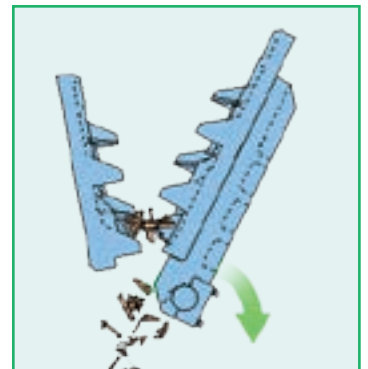
### 2 Start of crush

The remaining material which is larger than the occlusion of the blades is crushed.



### 3 Crushing

The continuous crushing action of the blades allows crushed material to drop through.



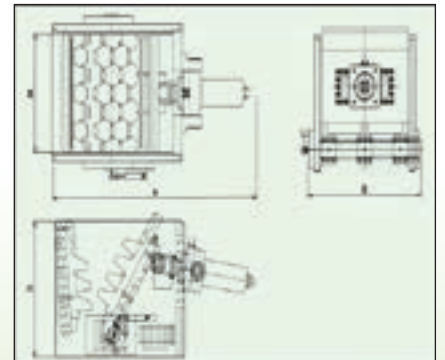
### 4 Discharging

The size of the crushed material is adjustable by presetting the occlusion of the blades.

## SPECIFICATIONS

MODEL	ALP600	ALP900	ALP1200	ALP1500	ALP2000	
LENGTH (mm) (A)	2,300	2,750	2,900	4,250	5,500	
WIDTH (mm) (B)	850	1,150	1,550	1,950	2,350	
HEIGHT (mm) (C)	1,100	1,200	1,400	1,900	2,400	
OPENING SIZE (mm) (W)	600 x 600	900 x 900	1,200 x 1,200	1,500 x 1,500	2,000 x 2,000	
CRUSHING	FC	5,000	8,000	12,000	18,000	20,000
	FCD	3,000	5,000	8,000	14,000	18,000
CAPACITY (kg/h)						
CYLINDER MAX. OUTPUT (t)	30	30	50	100	150	
MAX. PRESSURE (MPa)	12	12	12	12	12	
WEIGHT (kg)	4,000	7,000	12,000	27,000	65,000	

## DIMENSIONS



\*Depend on materials, actual dimensions may differ from the chart mentioned above. \*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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