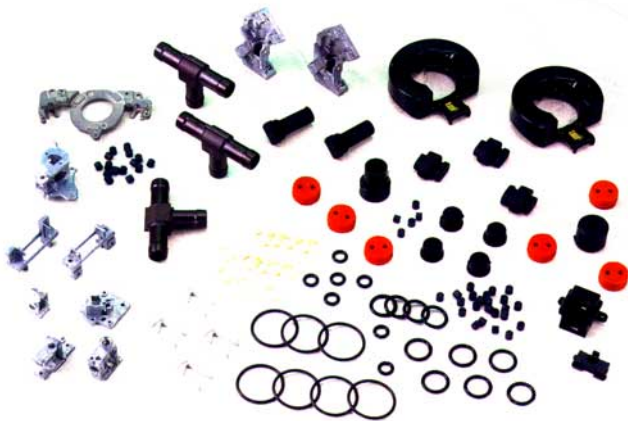


# ULTRA SHOT

## AUTOMATIC FLASH REMOVING UNIT

- ULTRA SHOT (NS Type)
- ULTRA SHOT (SK Type)
- CENTRIFUGAL SEPARATING AND DRYING MACHINE



### Strong Points of ULTRA SHOT

- This ULTRA SHOT does not damage products nor roughen their surfaces.
- It can remove microflashes.
- It can remove flashes and finish product surface in a short time.
- One from two types can be selected according to the amount and size of workpieces.

### Uses of ULTRA SHOT

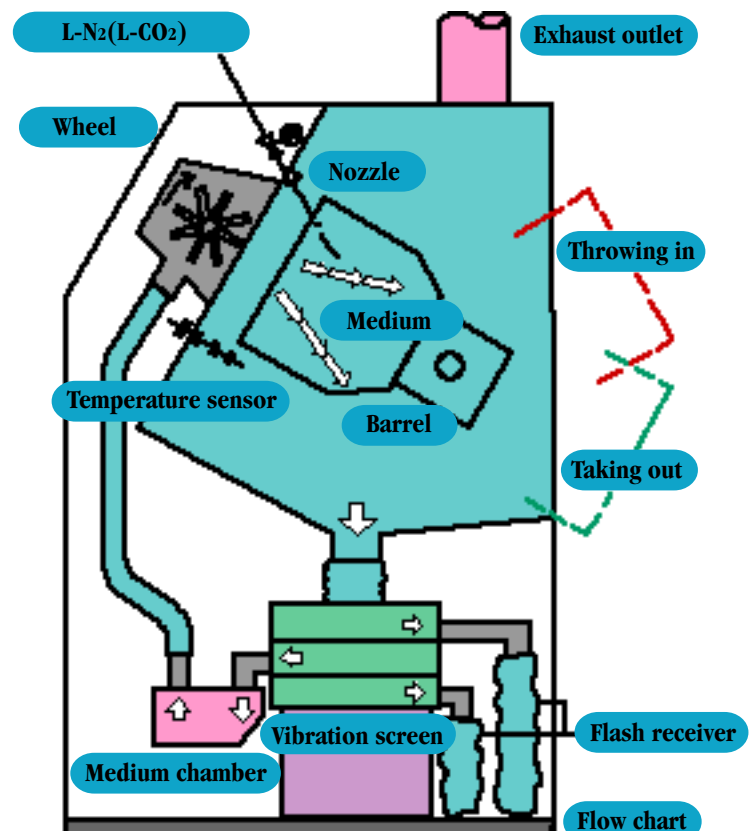
- Various rubber products
- Die casting products (zinc, aluminum, and magnesium)
- Plastic products and the like

### Outline of ULTRA SHOT

This ULTRA SHOT uses the cooling ability of liquefied nitrogen or liquefied carbon dioxide to make rubber, die-cast, plastic, or other products, and blasts plastic medium (polycarbonate) to them in high speed to remove flashes excellently.

### Mechanism of ULTRA SHOT to Remove flashes

This ULTRA SHOT cools workpieces in the barrel to make them brittle, and blasts them with shot materials by high revolutions of a wheel to remove flashes. Flash dust and shot materials are separated by a vibration filter and shot materials only are collected and reused.



# ULTRA SHOT (NS Type)



ULTRA SHOT (NS Type)

## Strong Points of ULTRA SHOT (NS Type)

The ULTRA SHOT of a new swing barrel type (NS type) is the most-up-to-date energy-saving machine that has been produced by improving our best-seller machine, ULTRA SHOT (S type).

## Comparison of ULTRA SHOT (NS Type) with Conventional Machine

- **Processing Capacity Increased by About 50%**  
Since the barrel capacity has been increased by 50% from 40 l to 60 l, the effective capacity has been increased from 12 l to 20 l, resulting in an increase in processing volume a batch by about 50%.
- **Significant Increase in Shot Power**  
The multiswing type barrel has minimized the distance between the wheel and barrel, achieving an increase in shot power significantly.
- **A Reduction in Gas Consumption**  
The multiswing type barrel has made the chamber compact, realizing in an increase in processing volume and a reduction in gas consumption.
- **A Reduction in Amount of Medium**  
The medium chamber system has reduced load of the wheel motor and increased the circulating volume of medium significantly, resulting in a reduction in amount of thrown-in medium down to one third of that of the conventional machine.
- **Less Area for Installation**  
Fully enhanced functions have realized the space-saving of the machine by 15% in comparison with that of traditional machines.
- **Low Noise**  
The package type has realized an reduction in noise.

## Principal Dimensions of ULTRA SHOT (NS Type)

Dimensions of Unit (mm)	: 1,260 (L) x 1,100 (W) x 2,050 (H)
Weight of Unit	: About 700 kg
Power Supply	: 200 VAC, 50/60 HZ, and 3-phase
Electric Capacity	: 4.7 kW
Wheel Speed	: 7,200 RPM at a max.
Cooling Temperature	: -130°C at a max.
Barrel Capacity	: 60 l
Effective Barrel Capacity	: 20 l (Load Weight: 50 kg)

Note: These specifications of this equipment may be partly altered without prior notice.

# ULTRA SHOT (SK Type)



ULTRA SHOT (SK Type)

## Strong Points of ULTRA SHOT (NS Type)

- Appropriate for processing of a small amount and line processing
- This machine of a compact type offers space-saving.

## Principal Dimensions of ULTRA SHOT (SK Type)

Dimensions of Unit (mm):

Weight of unit:

Power supply: 200 VAC, 50/60 HZ, and 3-phase

Electric capacity: 2.0 kW

Wheel speed: 12,000 RPM at a max.

Cooling temperature: -130°C at a max.

Barrel capacity: 15 l

Effective barrel capacity: 5 l

Note: The specifications of this equipment may be partly altered without prior notice.

# Centrifugal Separating and Drying Machine



Centrifugal Separating and Drying Machine

## Strong Points of Centrifugal Separating and Drying Machine

This is a centrifugal separating and drying unit in the heater. A fan located at the center of the basket sucks hot air to dry products uniformly in a period of time from 30 seconds to 5 minutes.

## Principal Dimensions of Centrifugal Separation Drying Machine

Type:

NB-45 provided with an automatic temperature-adjusting mechanism and timer

Dimensions (mm):

720 (L) x 930 (W) x 810 (H)

Basket:

450 mm (Inside dia.) x 220 mm (Depth) x 5 l (Capacity)

Power Supply:

1.5 kW for motor and 3 kW (3-phase) for heater

Weight:

240 kg (Load weight of 20 kg)

Revolutions:

1,000 RPM

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