

ROBOTER Drum Carrier



RC-01 Standard Model



RC-02 Pallet Handling Model

Features

- Smooth operation with the hydraulic foot pedal mechanism.
- You do not need to touch drums containing hazardous materials.
- Quick Set mechanism (RC types)

When picking up drums off pallets or platforms, just raise the quick set lever and the drum can be picked up quickly as it is.



■ Quick Set Mechanism

RX-5 Righting and Conveying Model

Using the specially designed fork, drums on their side can be stood up without difficulty. This model releases the worker from back strain. Raise safely and transport easily. Work efficiency is doubled.



RX-K Conveyance of Polyethylene Drums

- Chucking is fully automatic.

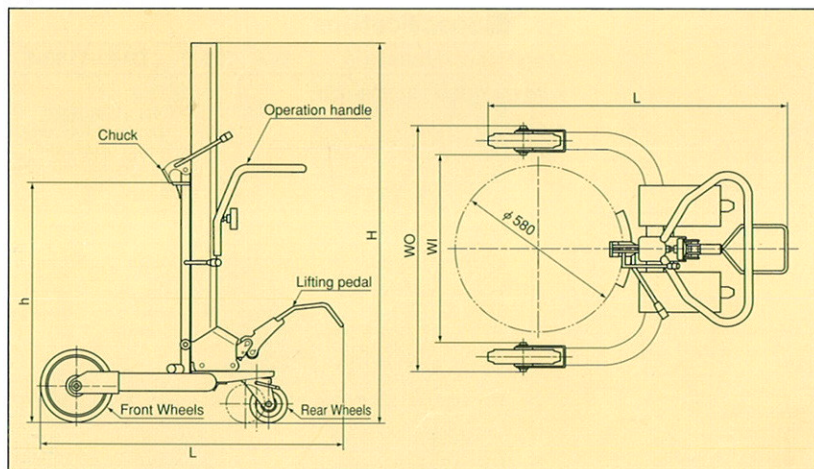
Just press the Kuwagata (antlers) against a drum, then lift. Chucks grab automatically. The chucks release their grip automatically after the drum touches down again.



- Can handle a wide variety of drums.

The antlers can grip drums with a rim neck diameter from 470 to 570mm. Simply adjust the position of the chuck grip and it's ready to use.

■ Dimensions



■ Specifications

Model	RC-01	RC-02	RX-5	RX-K
Load capacity	300kg			
Distance between front wheels (WI)	649mm	837mm	630mm	650mm
Overall width (WO)	851mm	1,023mm	870mm	890mm
Overall length (L)	1,040mm	908mm	1,090mm	
Overall height (H)	1,320mm	1,370mm	1,040mm	
Chuck height (h)	830~1,200mm		830~1,340mm / 710~1,220mm ※	
Lifting stroke	290mm		430mm	
Lift per pedal press	21mm		17mm	
Pedal operating force	26kg		25kg	
Front wheels	φ 250mm rubber X2	φ 200mm polyurethane X2	φ 250mm rubber X2	
Rear wheels	φ 130mm rubber X2		φ 150mm rubber X2	
Net weight	50kg	108kg	85kg	83kg
Chuck diameter	—	—	—	φ 470~570mm
Overall protrusion of drum rim neck	—	—	—	7mm or greater

※ It depends on the container.



DRUM DUMPER

A mechanism that smoothly lifts, turns and lowers drums. Hazardous materials can be handled even more securely.



DM-1100-S

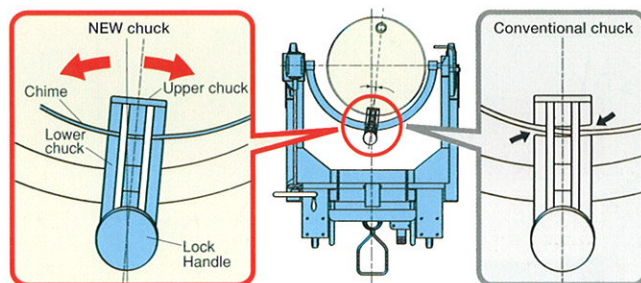
■ Safety Bar

- When lifting, the safety bar moves automatically, preventing the drum from swinging.



■ More securely holding

- **Swing chuck...** Even if the dumper holds a drum unevenly, the chuck swings so that upper and lower nails can catch the chime (drum's rim) to ensure the secure lock. (Follow the instruction manual for the operation.)



with Built-in Scale

These "moveable scales" can be moved to any location and the contents of a drum can be measured while being poured.



DMD-1100-S

■ Easy to see the scale

The scale is set at hand. Directions are freely changed so that the measurement can be done more easily.

■ Accuracy

Compared to standard, fixed-position scales, the accuracy of moveable scales has a margin of error as shown below.

Usage tolerance:

- ±1 gradation
- 0~200kg...1kg
- 200~300kg...2kg

with Pneumatic Lifting Unit C Type

■ Exceptional Operability

- Heavy drums can be lifted automatically using compressed air. This reduces effort and speeds up operations.
- With a hose connected to an air supply, a simple press of the lever is all that is needed. (Air consumption : 1,000N · ℓ/min.)



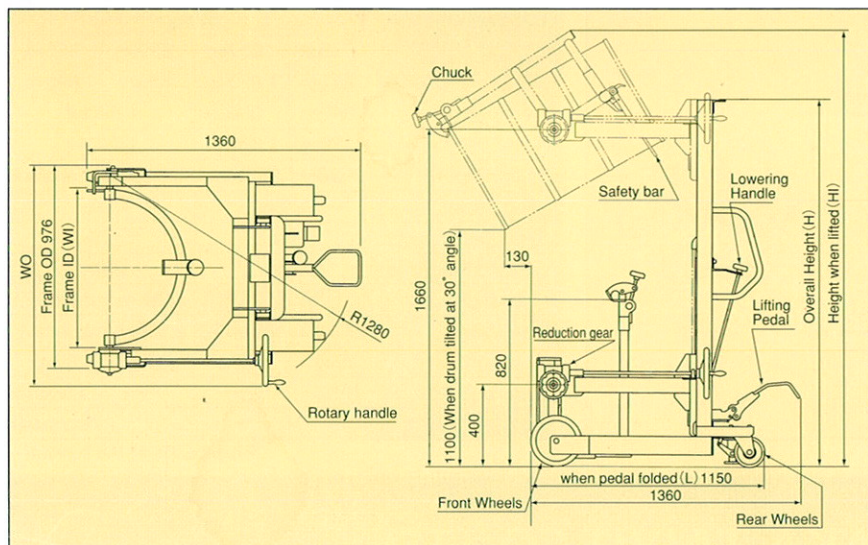
■ Safety

- Safe for use in explosion-proof areas.
- Even if the air supply gets cut off while lifting, the drum will stay in the same position. Safety is guaranteed.

■ A Range of Uses

- Even when there is no air supply available, the drum dumper can be operated normally using the foot pedal hydraulic pump.

■ Dimensions



■ Specifications

Model	DM-1100-S	DMD-1100-S
weighing (Load) capacity	300kg	
Minimum gradations	—	1kg intervals from 0~200kg 2kg intervals from 200~300kg
Distance between front wheels (WI)	774mm	
Overall Width (WO)	1,060mm	1,160mm
Overall Length (L)	when pedal folded 1,150mm	
Overall Height (H)	1,810mm	
Minimum Turning Radius	1,280mm	
Height when lifted (HI)	2,160mm	2,440mm
Height of decanting point	with drum tilted at 30° angle 1,100mm	
Lift per pedal press	23mm	
Pedal operating force	30kg	
Front wheels	φ 250mm rubber ×2	
Rear wheels	φ 150mm rubber ×2	
Net weight	157kg	215kg