Octabin Unloader

AVAILABLE CUSTOM MADE

Discharge system by gravity

For octabins with lower trapdoor

TECHNICAL SPECIFICATIONS

Flow rate: 10 to 20 octabins/hr.
Manufacturing: mild steel, 304L stainless steel, 316L stainless steel
Finishes: RAL 9006, microblasted, electropolishing
Installed power: 0.1 kW (according to options)
Operation pressure: 6 bar
Required dust collecting flow rate: 300 m³/hr.*
*may vary according to the treated material
Ergonomic access height for unlacing (height of sight): 1,550 mm.

By suction pipe

For all types of octabins

TECHNICAL SPECIFICATIONS

Flow rate: 10 to 15 octabins/hr.
Manufacturing: mild steel, 304L stainless steel, 316L stainless steel
Finishes: RAL 9006, microblasted, electropolishing

This system is meant to be coupled with our VFlow® range of vacuum pumps, you can find more information in our Pneumatic Conveying documentation.

www.palamaticprocess.com/powder-machine/fibc-solutions/big-bag-discharging-system
Download videos & layouts from our website

Octabin Unloader

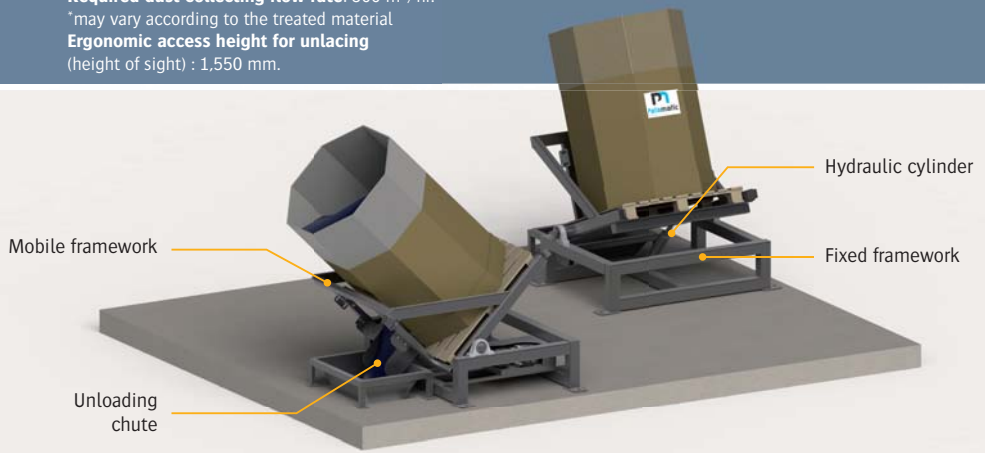
AVAILABLE CUSTOM MADE

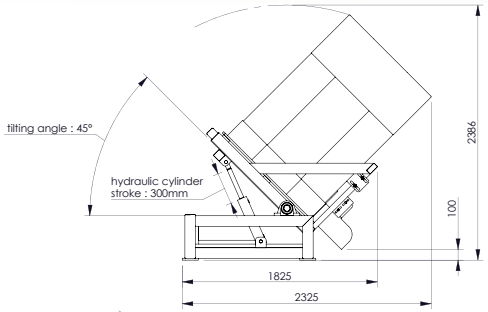
Octabin tilting system

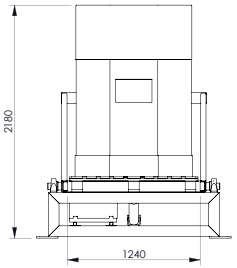
For octabins with lateral emptying flap

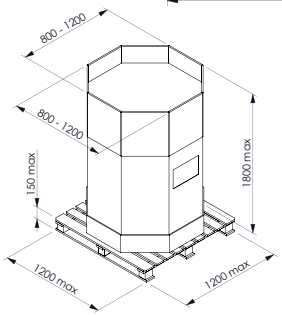
TECHNICAL SPECIFICATIONS

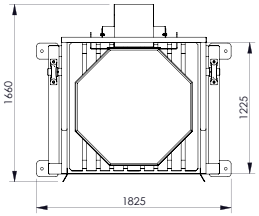
Flow rate: 10 to 20 octabins/hr.
Manufacturing: mild steel, 304L stainless steel, 316L stainless steel
Finishes: RAL 9006, microblasted, electropolishing
Installed power: 0.1 kW (according to options)
Operation pressure: 6 bar
Required dust collecting flow rate: 300 m³/hr.*
*may vary according to the treated material
Ergonomic access height for unlacing
(height of sight) : 1,550 mm.









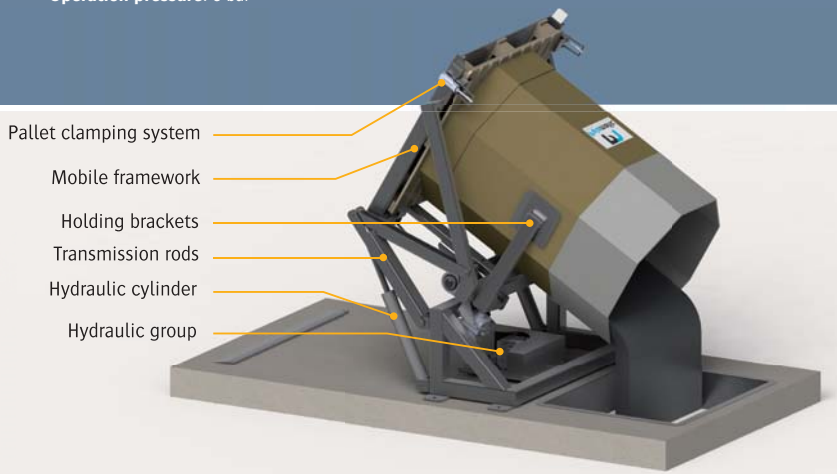


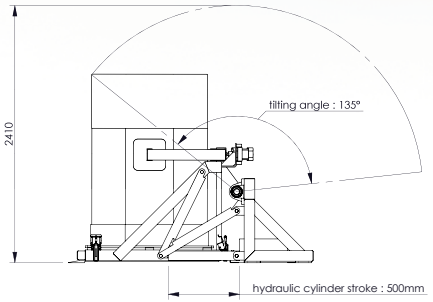
Octabin dumping system

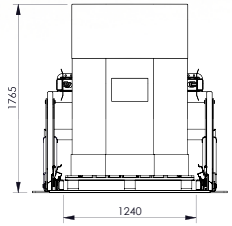
For all types of octabins

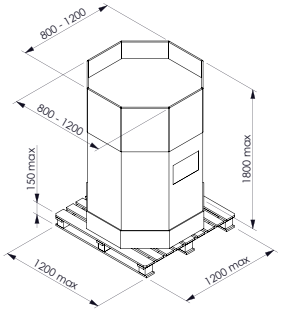
TECHNICAL SPECIFICATIONS

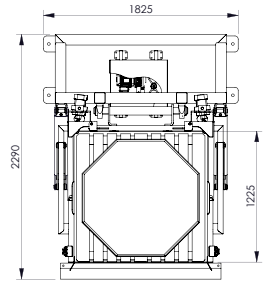
Flow rate: 30 to 50 octabins/hr.
Manufacturing: mild steel, 304L stainless steel, 316L stainless steel
Finishes: RAL 9006, microblasted, electropolishing
Installed power: 1.5 kW
Operation pressure: 6 bar











Octabin Unloader

AVAILABLE CUSTOM MADE

Octabin inverting system

THE SOLUTION FOR EMPTYING YOUR OCTABINS FROM ANY FEEDING POINT

This unload station permits to transfer temporarily the content of your octabins into a receiving hopper. These hoppers with wheels can be manipulated by a user or by a forklift to be emptied onto your various loading points. Hopper and pallet clamping systems, holding brackets and gearwheel with highly resistant bearing permit to invert octabins safely.

TECHNICAL SPECIFICATIONS

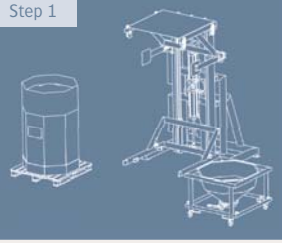
Flow rate: 20 to 30 octabins/hr.
Manufacturing: mild steel, 304L stainless steel, 316L stainless steel
Finishes: RAL 9006, microblasted, electropolishing
Installed power: 1.5 kW
Average power consumption: 0.8 kW
Air comsuption: 5.2 Nm³/hr.
Operation pressure: 6 bar
Inlet TOR: 3
Oulet TOR: 7
Maximum dimension of octabins
Length x Width x Height: 1.200 x 1.200 x 1.800 mm
Custom-made models are also available

OPERATING SEQUENCE

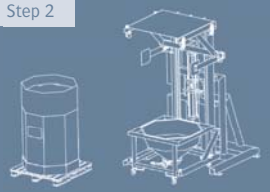
AVERAGE TIME OF A COMPLETE CYCLE: 4 MIN.

1. Manual positioning of the empty hopper on wheels
2. Clamping, lifting and inverting of the hopper
3. Octabin positioning on its pallet through a pallet truck or forklift
4. Pallet clamping by 4 jaws and holding of the octabin with 2 holding side brackets
5. Docking the hopper which fits over the octabin, then turning of the whole system
6. Release of the octabin overturned on the hopper (the pallet stays on the top)
7. Extarction of the hopper carrying the octabin, manually or with a forklift
8. Manual positioning of the empty hopper on wheels
9. Clamping, lifting and inverting of the hopper
10. Lowering and releasing of the empty pallet
11. Removing of the empty pallet, then positioning of a new octabin

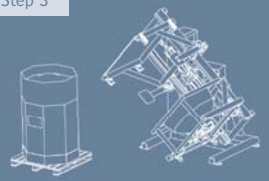
Step 1



Step 2

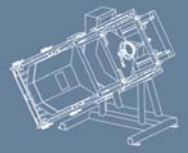


Step 3



Step 4

Step 5



Step 6