

# Big Bag Conditioner

# SmashR®



Big bag conditioner SmashR®

**Objectives:** to prepare and break up hardened product before unpacking using 2 x 10-ton arms

The SmashR® unit prepares the big bags before emptying by destroying the hardened product via hydraulic articulated heavy-duty arms. The force generated is more than 2 x 10 tons, ensuring penetration all the way to the heart of the big bag. No hardened powder can resist the SmashR® massage cage.

The programs built into the control unit can be used to control several types of massage cycles, depending on the big bags being processed, the resistance of the powder, etc...

The factory-set programs can still be configured to suit the needs of each application.

Specific ATEX, confined, raised or integrated conveyor versions are available as standard configurations.



## TECHNICAL SPECIFICATIONS

**Manufacturing materials:** mild painted steel, galvanized steel, SS 304L, SS 316L

**Finishes:** RAL 9006, bead-blasted, electropolished

**Incorporates an autonomous hydraulic system**

**Cylinder strokes controlled by laser sensor** to ensure big bag fabric does not tear

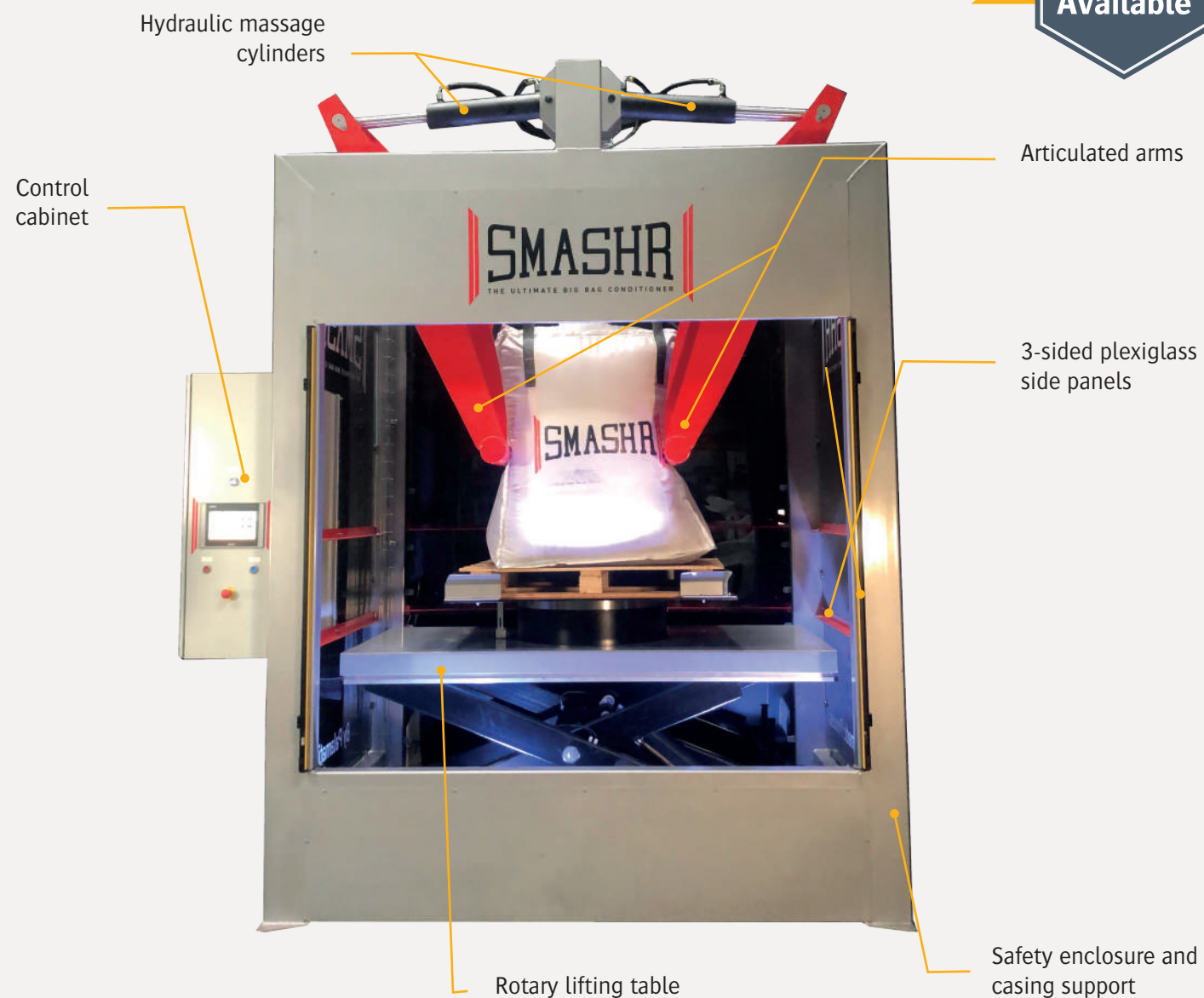
**Maximum big bag dimensions**

(Length x Width x Height): 1,300 x 1,300 x 2,000 mm **Penetration into the heart of the big bag** with load distribution on each side of the big bag

## OPERATING MODE

**AVERAGE TOTAL CYCLE TIME: 5 MIN**

1. Positioning of big bag with a forklift
2. Raising of the lifting table
3. First massage step on 2 sides
4. Rotation of the lifting table
5. Second massage step on the other 2 sides
6. Repeat cycle if necessary
7. Lowering the lifting table
8. Big bag removal by forklift truck



▶ Hinged arms and dynamic stroke management to prevent big bag fabric tearing



▶ Rotating lifting table



▶ Forklift loading



▶ PLC for remote control

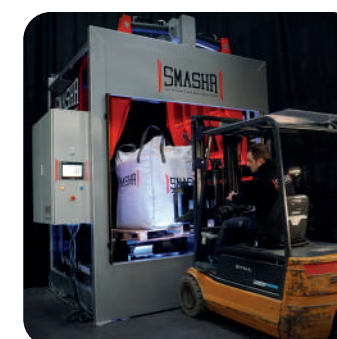
## Benefits



▶ SmashR® Fly long stroke for high big bag



▶ SmashR® Enclosed for optimal containment



## Options

Hydraulic cylinder, rotating lifting table, sealed enclosure, accumulation conveyor, ATEX standards, long massage stroke version for high big bags