NANNINI RENATO
COSTRUZIONE MACCHINE AUTOMATICHE

Mobile Extruder for Mixing Tanks
Mod. HI

Movable hydraulic extruder/press for mixing/production tanks, without a supporting frame for the tank (to be positioned on the tank by means of a crane or forklift) - Mod. HI.

Press for emptying mixing/production or laboratory tanks with an internal Ø from 400 up to 1600 mm, containing high/very high viscosity products.

- Machine **frame specifically designed and manufactured for each tank**, in order to make the **size as compact as possible.**
- **Ring welded on the hydraulic cylinder** for **easier handling** of the press, by hooking it to a crane or a forklift truck and thus being able to easily rest it on the tank.
- **Electro-hydraulic**, and **pneumo-hydraulic** versions **(electric or pneumatic feeding).**
- Standard **hydraulic unit** mounted on the press for greater compactness.
- **Pressing plate** with thickness suitable to the diameter and the maximum pressure that can be exerted on the product, made of **carbon steel** or **stainless steel** on request.
- Standard design **pressing plate** with a pure frustoconical shape, or with lower ring for keeping the gasket always in position and air vent valve, or with a design useful to mount the inflatable seal.
- **Three sturdy hooks** (with manual or pneumatic control depending on the size of the press) for attachment to the edge of the tank, **with safety system and micro switches** for ensuring the correct closure of the bolts and therefore the locking on the tank.
- **Safety tank presence probe**, to make the press operational only in case of actual and correct attachment to the tank.
- **Customization on request**: colors, construction materials, materials of the pressing plate seals, support frame on wheels (so as to be able to move the press above the tank by pushing it manually), etc.

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Hydraulic pump

80 bar, 150 bar or **200 bar hydraulic pump**, for a wide range of maximum pressures on the product.

Hydraulic cylinder

100 mm to 180 mm hydraulic cylinder bore, for an even greater range of possible maximum pressures of the pressing plate on the product.

Extrusion pressure

The combination between **different hydraulic pumps** and **various hydraulic cylinders** makes this press capable of extruding the product at a maximum pressure of **2 to 5 bar**, depending on the inner diameter of the tank and the resistance of the tank edge to the traction exerted by the three hooks fastening the press to the tank.

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Nannini Renato Machinery s.r.l.
via Urbania, 26
48018 Faenza RA
Italy

tel. +39 0546 29082
fax: +39 0546 25006
info@nanninirenato.com
www.nanninirenato.com