

Goessling USA, Inc.

Conveyors and Connecting Systems



Hydraulic Tipping Unit

Used for many purposes including the continuously adjustable lifting and tipping of bins and containers of all kinds, the ergonomic serving of mass parts to stamping and punching presses, drilling and welding machines, etc.



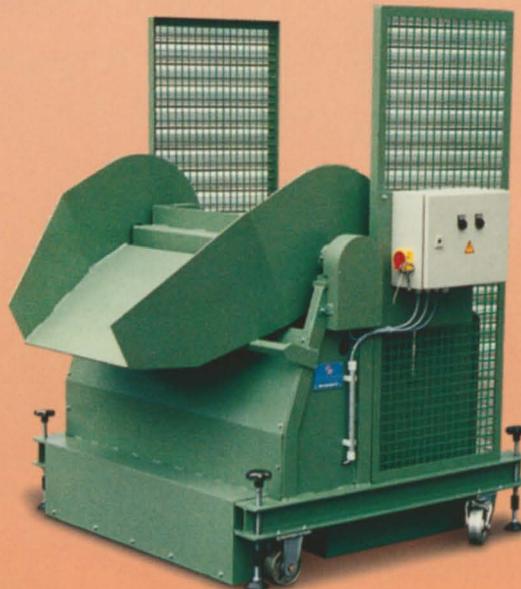
1
Hygo I (1 ton)



2
Hygo I (1 ton)



3
Hygo III (3 tons)



4
Hygo II (2 tons)



5
Hygo II (2 tons)



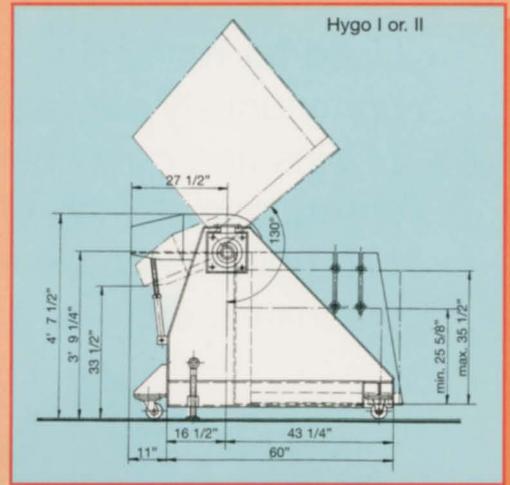
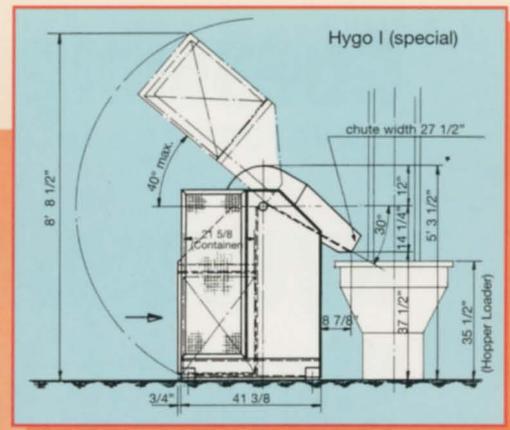
6
Hygo I (1 ton)

Our **Hydraulic Tipping Units** consist of a strong, fully welded steel plate body with the central shaft mounted in heavy duty ball bearings. The fixed tilting cradle includes safety profiles on the side wings or a cross beam to avoid dumping of a container inside the tilting cradle. Two high pressure hydraulic cylinders tip the cradle up to 130 degrees. The drive unit consists of a compact hydraulic pump / tank system in a full metal enclosure including pipe lines with pipe-break valves for heavy duty stress. By the use of push buttons in the steel plate housing of the electric control set, the inclination of the cradle can be changed and adjusted progressively (foot operation switch also available). Screen framed guards on both sides do not allow uncontrolled step or seize in. The discharge chute is fixed to the body or can be leveled by hand so that workpieces can be easily taken away by hand in an ergonomic position. On demand we can deliver our movable Hydraulic Tipping Units mounted on heavy duty casters including double foot stops. The effective width and infeed height of the cradle correspond to standard container dimensions, but can be modified to the customers requirements. Our Hydraulic Tipping Units are designed to withstand high stresses and will resist hard industrial conditions during use.



Hydraulic Tipping and Serving Unit (1.5 tons)

Type:	Hygo I	II	III
Load:	1	2	3 (tons)
Electric supply:	460 (or 420) V, 3-ph, 60 Hz		



Hot forging (feeding of billets)



Cold trimming



Sinter process



Feeding to a degreasing line



Feeding to stamping press



Goessling USA, Inc.

Conveyors and Connecting Systems

3308 Wayfield Drive · Johnson City, TN 37601
 Phone: +1 (423) 915-0472 · Fax: +1 (423) 915-0839
 e-mail: info@goesslingusa.com · www.goesslingusa.com

Goessling USA, Inc.
Convincing conveyor technology!