

# Brick Stack Grapple – parallel squeeze

**KM 321**

The technically unique KM 321 is a versatile tool for palletized materials.

- **Versatile tool** with an opening range of 780 mm / 30.71 in to 1400 mm / 55.12 in for handling single concrete products like curbstones or brick packs.
- **Rigid or adjustable plunge depth** with parallel opening and closing clamping arms – hydraulically opened.
- **Adjustable plunge depth** – ideal for the use of loading different heights.
- **Synchronisation** through mechanical synchronisation of the gripping arms.
- **Safety** through internal pressure relief valve (independent from crane pressure) and non-return valve (safe clamping force at pressure drop).
- **Automatic pressure transfer** with opened and closed gripping arms.
- **Height** adjustable stops.
- **Special, exchangeable sliding bearing** provide a high degree of efficiency.
- **Long life** due to generously dimensioned bearings.
- **Compression rails** with exchangeable, wear resistant rubber inserts.



## Package Brick Stack Grapple KM 321V-1310 c

Type	Plunge depth A (mm/in)	Load capacity at min./max. plunge depth (kg/lbs)	Gripping (mm/in)	Self weight (kg/lbs)
KM 321V-1310 c	790 - 1310	2000 / 1500	780 - 1400	401
	31.10 - 51.57	4400 / 3300	30.71 - 55.12	882

**Package consists of:** brick stack grapple, rotator KM 04 F, compression rails KM 381 29 - 1200 mm (47.24 in), short connection hoses KM 203-01, upper suspension KM 501, pressure relief valve, non-return valve

**Please note:** the load capacity listed depends on the load (the surface conditions, the size and type of banding). The load capacity does not apply to low and unbanded concrete and paving stones.

## Requirements of Loader Crane

**Operating pressure:** 20 to 26 MPa (200 to 260 bar) / 2880 to 3744 psi, with the pressure control valve it is possible to use the loader crane with higher pressure

**Pump capacity:** 25 to 75 l/min / 6.61 to 19.82 GPM

## Technical Drawings (in mm)

