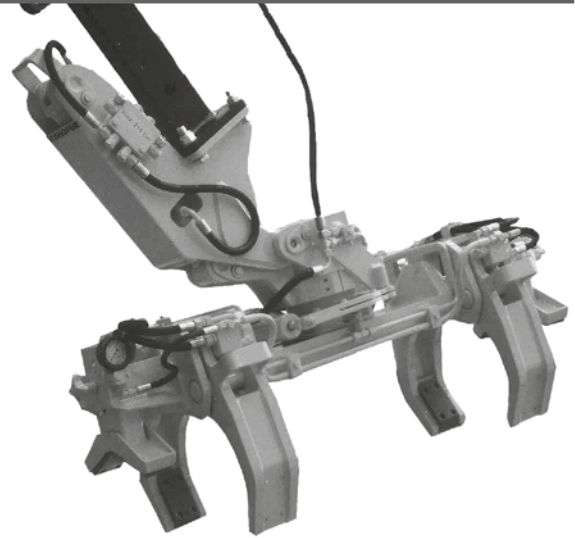


A hydraulically operated attachment used for positioning tubes or poles, the KM 930 is for use on loader cranes with three functions. Flange mounting on the mechanical extension of the crane.

- **Manoeuvrability** through three hydraulic functions gripping, lifting and turning (rotation and tilting) of straight round poles (three hydraulic circuits are necessary). Unlimited angle of rotation.
- **Heavy loads** of 500 kg up to 3000 kg can be handled by the **KINSHOFER** manipulators.
- **Precision operation** assured through continuous rotation, equipped with mechanically operating, hydraulic pilot controlled brake to prevent unintentional rotation.



Manipulator KM 930

Type	Load capacity (kg)	Gripping Ø (min./max.) (mm)	Width B (mm)	Number of tines	Self weight (kg)	Closing force (kN)
KM 930-500	500	100 / 300	785	1	235	11
KM 930-1000	1000	100 / 300	1275	2	310	23
KM 930-2000	2000	250 / 600	1365	4	865	25
KM 930-3000	3000	250 / 600	1630	6	1085	39


Package consists of: manipulator, **KINSHOFER** rotator, hydraulic pilot controlled brake, non-return valve

Please note: tubes or poles have to be grabbed always in the centre of gravity

Accessories

Type	Description
KM 980-2	solenoid valve for additional oil circuit to change over to 3 circuits (for gripping, lifting, turning) when only 2 circuits are available, ready for mounting – 12 V or 24 V, working pressure max. 250 bar, oil flow 60 l/min (do-it-yourself assembly)
KM 980-2 c	solenoid valve KM 980-2 complete attachment kit including assembly components, hose guard, hoses and mounting on the KM 930 manipulator – 12 V or 24 V, working pressure max. 250 bar, oil flow 60 l/min

Requirements of Truck Crane

Operating pressure: max. 20 MPa (200 bar)  **Mind the pressure!**

Pump capacity: 20 to 40 l/min

Technical Drawings

