

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 1100 lbs up to 6600 lbs 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 (lbs)	Gripping Ø (min./max.) (in)	Width (in)	Number of tines	Self weight (lbs)	Closing force (lbf)
KM 930-500	1100	3.9 / 11.8	31	1	517	2420
KM 930-1000	2200	3.9 / 11.8	50	2	682	5060
KM 930-2000	4400	9.8 / 23.6	54	4	1903	5500
KM 930-3000	6600	9.8 / 23.6	64	6	2387	8580

Package consists of: manipulator, KINSHOFER rotator (KM 930-500 / KM 930-1000) / KINSHOFER rotary drive (KM 930-2000 / KM 930-3000), 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 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. 3650 psi, oil flow 16 GPM

Requirements of Truck Crane

Operating pressure: max. 2900 psi
Recommended oil flow: 5 - max. 10.5 GPM



Technical Drawings

