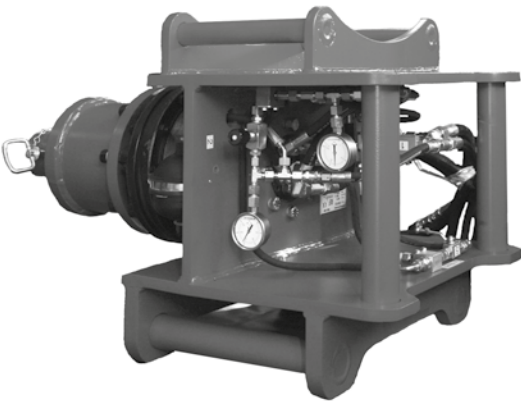


HBD

Brakeable Drive Unit for Wiring

The Brakeable Drive Unit for Wiring HBD can adjust the speed and tension of electrical cables during their installation for electrified railways. And it can hydraulically slow the laying down or brake it down to a stop. Ideal for excavator with an operating weight of 8 - 22 t / 17600 - 48400 lbs.

- **Drive unit** can slow down the wiring with different strengths at different hydraulic pressures:
  - Without braking force at hydraulic pressure of  $\geq 20$  MPa / 2901 psi
  - Low braking force of approx. 2 kN / 440 lbf at 8 MPa / 1160 psi
  - Average braking force of approx. 4 kN / 880 lbf at 5 MPa / 7252 psi
  - High braking force of 7 kN / 1540 lbf at 3 MPa / 4351 psi
  - Total braking (stop) without hydraulic pressure (0 MPa / psi): total **safety**.
- **Speed control when feeding the wire** – for professional and soft wiring.
- **Three vertical and horizontal brackets:** different sizes and types possible.
- **Longevity** by robust construction.



Brakeable Drive Unit for Wiring HBD

Type	Height	Width	Length	Brackets	Weight	Operating weight
	(mm / in)	(mm / in)	(mm / in)	*)	(kg / lbs)	(t / lbs)
HBD	600 / 23.62	640 / 25.20	1060 / 41.73	S45 / S60	230 / 506	8 - 22 / 17600 - 48400

\*) different brackets available

Package consists of: brakeable drive unit for wiring

Accessories

Type	Description	Width	Length	Height	Ø	Weight
		(mm / in)	(mm / in)	(mm / in)	(mm / in)	(kg / lbs)
KST 02	cable drum made of aluminium	350 / 13.77	-	900 / 35.43	900 / 35.43	-
KST 03	cable drum made of steel	300 / 11.81	-	900 / 35.43	900 / 35.43	-
KST 04	big cable drum made of steel	600 / 23.62	-	1300 / 51.18	1300 / 51.18	-
KST 05 alu	drum shaft of aluminium	-	-	-	-	2200 / 4840
KST 05 steel	drum shaft of steel	-	-	-	-	2500 / 5500
KST 11	cable cutter	1000 / 39.37	-	320 / 12.60	-	35 / 77

Different adapters available

Requirements of Excavator

One hydraulic circuit needed

Operating pressure:

max. 30 MPa (300 bar) / 4351 psi

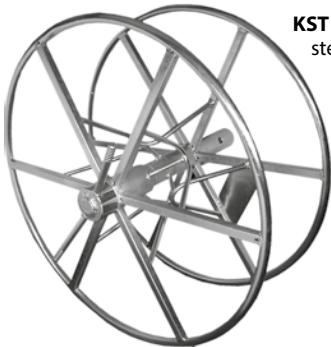
Pump capacity:

100 l/min / 26.42 GPM

Pictures – Example of Use



KST 02 cable drum of alu for cable, steel wire or rope. Different sizes available



KST 03 cable drum of steel for cable, steel wire or rope. Different sizes available



KST 05 steel drum shaft



KST 05 alu drum shaft



KST 11 cuts cables mechanically with the excavator's power

## KST

## Accessories for Cable Laying

The fast rolling up and unrolling of cables is easily realised thanks to the cable drums and the cable can be cut with the KST 11 Cable Cutter at the desired length. Fast, efficient and most importantly secure working is guaranteed with these attachments. Steel cables and ropes can also be used in combination with the winch drum KST 02.

- **Easy cutting** of cables with professional, **clear cuts** with the **KST 11**.
- **Robust construction** for a long service life.
- **High work safety**.
- **Efficient working** due to **highly qualified tools**.



KST 11

### Accessories for Cable Laying KST

Type	Description	Note	Height (mm/in)	Width (mm/in)	Weight (kg/lbs)	max. cable diameter (mm/in)
<b>KST 02*</b>	winch drum	for HYD hydraulic motor with free wheel for ropes and steel cables	900 / 35.43	350 / 13.78	140 / 308	-
<b>KST 03*</b>	cable drum	for HYD hydraulic motor or Tiltrotators	900 / 35.43	300 / 11.81	45 / 99	-
<b>KST 04*</b>	cable drum	for HYD hydraulic motor or Tiltrotators	1300 / 51.18	600 / 23.62	75 / 165	-
<b>KST 05*</b>	drum shaft**	for HYD hydraulic motor; K4-K36 drum for 2200 kg/4840 lbs / static 2500 kg / 5500 lbs	-	-	-	-
<b>KST 06</b>	hose drum	available in 2 sizes for max. 80 kg / 176 lbs or 750 kg / 1650 lbs	-	2430/2900 / 95.67/114.17	28 / 62	for all kinds of hoses
<b>KST 07</b>	drum support	with adapter for suspension	-	-	175 / 385	-
<b>KST 11</b>	cable cutter	no electrics necessary	320 / 12.60	1000 / 39.37	35 / 77	4 x 240 / 60 / 0.16 x 9.45 / 2.36

\* products especially adapted to HYD hydraulic motor

\*\*available made from aluminium or steel

### Bilder



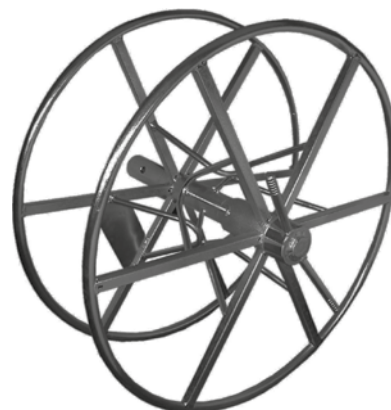
KST 05



KST 06



KST 02



KST 03