

## Cable drum transport devices

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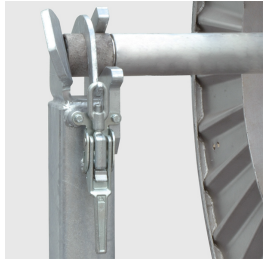
## **Cable drum transport devices**

**Cable drum trailers 1.0 - 2.7 t with accessory**

**Cable drum trailers hydr. loading 4.5-6.0 t, 80 km/h**

**Cable drum trailers hydr. loading 5.8-7.3 t, 25 km/h**

**Accessory for cable drum trailers hydraulic loading**



### Cable trailer straight or adjustable drawbar

Cable drum trailer with straight or height adjustable draw bar and overrun brake for speeds up to 80 km/h. For loading the support arms are swung down and then raised picking up the drum by a single hand winch. Rotatable aluminium shaft as accessory, see below

Payload without accessories. If accessories are mounted like hydr. drum drives etc. the payload reduces according to their weights.

- Types G - with straight draw bar can only be equipped with ball coupling
- Types H - with adjustable draw bar equipped with eye coupling, ball coupling as accessory
- Suitable for one-man operation
- Complete trailer hot galvanized
- Rotating alu shafts as accessory, please order shaft clamps separately.
- Drum band brake as accessory, see below.
- Position lighting at the front of the cable drum trailer

Code	Type	Payl.	Total	Drum-D	Hitch	Int./Ext.	kg
342088	KVS 1000/80G	980 kg	1300 kg	600-1650	75 kg	1300/2140	320,00
342131	KVS 1500/80G	1500 kg	2100 kg	600-2400	100 kg	1580/2450	581,00
342146	KVS 2000/80G	2000 kg	2600 kg	600-2400	100 kg	1580/2450	581,00
Code	Type	Payl.	Total	Drum-D	Hitch	Int./Ext.	kg
342093	KVS 1000/80H	930 kg	1300 kg	600-1650	75 kg	1300/2140	370,00
342136	KVS 1500/80H	1500 kg	2200 kg	600-2400	120 kg	1580/2450	670,00
342151	KVS 2000/80H	2000 kg	2700 kg	600-2400	120 kg	1580/2450	700,00

### Rotating drum shafts

Surcharge for rotating drum shafts. The standard trailers listed above are delivered without shaft as standard. With rotating shafts cable drums unwind much easier, they are necessary if the trailer is equipped with a drum drive or a drum disc brake.

Code	Type	Suitable for	D/length	SWL	kg
3507871	TAS 750	KVS 1000G+H	75/1450	to 5 t	23,00
350789	TAS 752	KVS 1500-2000G+H	75/1730	to 5 t	27,00



## Rear protection gate

Rear protection gate, for Cable trailers KVS 1000-2000 G+H, hot galvanized.

The need of a rear protection is subject to national regulations. Independent of this, the rear protection offers a higher safety in the road traffic.

Code	Type	Suitable for	Trailer ext. width	kg
349820	KUF 100	KVS 1000G+H	2140	16,00
349826	KUF 200	KVS 1500-2000G+H	2450	30,00



## Ball coupling

Car change coupling for ball D 50 mm incl. installation kit for all types.

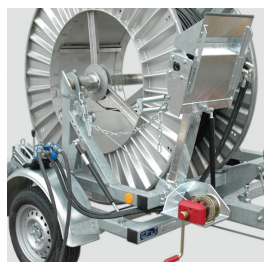
Code	Type	Suitable for	kg
349190	PK 26	KVS 1000-2000	2,90



## Cable drum band brake

Cable drum band brake for KVS 1000-2000/80 without shaft, to screw on rotating alu shaft. This band brake avoids uncontrolled unwinding of the cable drum. Mostly used for unwinding overhead lines.

Code	Type	Suitable for	Braking at cable	kg
350842	BTB 202	KVS 1000-2000G+H	approx. 2,0 kN	10,00



## Drum drive one side

Drum drive one side for cable trailers KVS 1000-2000/80, but not suitable for all types, see table below. Hydraulic or pneumatic, without hoses and power packs.

Code	Type	Suitable for	Drive	Pull	m/min.	kg
351210	TZ 200	KVS 1000G+H	hydraul.	1,5 kN	0-120	69,00
351220	TZ 203	KVS 1500-2000H	hydraul.	1,5 kN	0-120	69,00



## Hydraulic power pack mobile

Hydraulic power pack for cable drum drive, with petrol- or Diesel engine equipped with rapid hose couplings. Oil presser 160 bar, tank 10 Litre, oil flow 12 l/min. l/min.

- The hydraulic power pack must not be mounted on drawing bar of the trailer, the hitch load would be too high.
- For control of the winding speed please order below mentioned hydraulic hose combination

Code	Type	Suitable for	Hydr. pack	L/W/H mm	kg
351330	THF 203B	drum drives	petrol 9,6 kW	854/457/507	74,00
351332	THF 203D	drum drives	diesel 6,8 kW	854/457/507	95,00



## Hydraulic hose set

Hydraulic hose set 7 m, with volume governor for hydraulic power packs.

Code	Type	Length	Flow governor	kg
425381	SL 7	7 m	to 30 l/min	13,20



## Cable trailer adjustable drawbar

Cable drum trailer with height adjustable draw bar with eye coupling and overrun brake. Tandem axle for speeds up to 80 km/h. Drums are lifted for transport by two swung arms hydraulic operated by motorized hydraulic included drum drive as an accessory. Rigid tubular steel shaft D 76 mm. Rotating as accessory. Further accessory see below.

Payload without accessories. If accessories are mounted like hydr. drum drives etc. the payload reduces according to their weights.

- Very robust welded construction, complete hot galvanized.
- Through tandem axle even distribution of the total weight on each wheel.
- Drum lifting arms operated by double action hydraulic jacks.

Code	Type	Payl.	Total	Drum-D	Hitch	Int./Ext.	kg
342310	KVT 2,7/80A	2700 kg	3500 kg	1000-2800	150 kg	1720/2540	920,00



## Suspension for subduct drums

Suspension for subduct drums. Incl. drum shafts, distance bushes and clamps.

Attention: please see mobile drum unwinding stand code 344.100 TRG 8120

Code	Type	Drum	Drum-D	kg/drum	kg
342317	ZGH 7/120	to 7 pcs.	1200, width 380	appr. 100 kg	154,92







## Rear protection gate

Rear protection gate, for Cable trailers KVT 2.6/80 A, plug-in device

The need of a rear protection is subject to national regulations. Independent of this, the rear protection offers a higher safety in the road traffic.

Code	Type	Suitable for	Trailer ext. width	kg
349838	KUF 270	KVT 2.7/80	2540	40,00



## Ball coupling

Ball coupling with screws, changeable against height adjustable drawbar eye coupling for trailers with overrun brake.

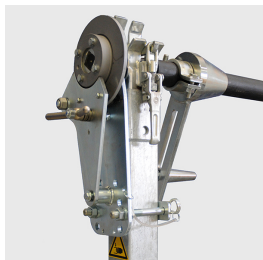
Code	Type	Suitable for	Tot. weight	kg
349110	PK 35	KVT 2,7/80A	3500 kg	2,50



## Rotating drum shafts

Surcharge for rotating drum shafts. All a.m. trailers are fitted with rigid tubular steel drum shafts. With rotating shafts cable drums unwind much easier, they are necessary if the trailer is equipped with a drum drive or a drum disc brake.

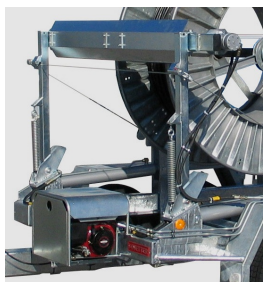
Code	Type	Suitable for	D/length	kg
350785	APR 350	KVT 2,7/80	70/2005	44,00



## Disc brake mechanic

Disc brake with drum shaft, fork and cones for controlling the unwinding of the cable drum. Manual adjustment by a tommy spindle screw.

Code	Type	Suitable for	Action	Torsion	kg
350856	SVB 400	KVT 2,7/80	mechanic	450 Nm	30,00



## Drum and jack drive

Cable drum drive both sides, with drive of the hydraulic jacks, with petrol-engine on the trailer for cable trailer KVT 2,7/80. Type TH 400 is only for motor-hydraulic loading and unloading of the drum.

Code	Type	Drive	Engine	Pull	m/min.	kg
351560	TVB 400	hydraulic	Petrol 4 kW	3 kN	0-36	215,00
351570	TH 400	hydraulic	Petrol 4 kW	only for drum jacks	---	30,00



### Cable trailer hydraulic loading, 80 km/h

Cable trailer hydraulic loading for lorry transport up to 80 km/h. Drums are vertically lifted for transport by two hydraulic jacks operated by central hand pump or by motorized hydraulic which can also drive the drum, as an accessory. If smaller drums than mentioned below have to be transported or winded, please select as accessory one of the below shown small drum suspension KVZ 180 or drum support TAV 080. Further accessory see below.

\*Payload without accessory. By mounting accessories like hydraulic drum drives, drum disc brake etc. the payload will be reduced according on the weights of the accessories.

- With air brake systems EBS incl. ABS for speed up to 80 km/h.
- Through stub axles the trailers are open to the rear for receiving the cable drum.
- Big ground clearance through long lifting hydraulic jacks.
- The trailers are equipped with rear and side protections according to EC Directive 2007/46/EG
- Standard painting RAL 2011 with parts partial hot galvanized. Special painting as accessory.
- Please check your truck coupling height and select the adapter below as accessory.
- Please order shaft clamps or locating cones separately.

Code	Type	*Payload	Total	Drum-D	Hitch	Int./Ext.	kg
343450	KVH 4,5/80	4500 kg	6000 kg	1800-3200	700 kg	1700/2550	1.450,00
343600	KVH 6,0/80	6000 kg	7500 kg	1800-3200	700 kg	1700/2550	1.450,00



### Cable trailer hydraulic loading, 25 km/h

Cable trailer hydraulic loading for lorry transport up to 25 km/h. Drums are vertically lifted for transport by two hydraulic jacks operated by central hand pump or by motorized hydraulic which can also drive the drum, as an accessory. If smaller drums than mentioned below have to be transported or winded, please select as accessory one of the below shown small drum suspension KVZ 180 or drum support TAV 080. Further accessory see below.

\*Payload without accessory. By mounting accessories like hydraulic drum drives, drum disc brake etc. the payload will be reduced according on the weights of the accessories.

- With air brake systems EBS incl. ABS for speed up to 80 km/h.
- Through stub axles the trailers are open to the rear for receiving the cable drum.
- Big ground clearance through long lifting hydraulic jacks.
- The trailers are equipped with rear and side protections according to EC Directive 2007/46/EG
- Standard painting RAL 2011 with parts partial hot galvanized. Special painting as accessory.
- Please check your truck coupling height and select the adapter below as accessory.
- Please order shaft clamps or locating cones separately.

Code	Type	*Payload	Total	Drum-D	Hitch	Int./Ext.	kg
343580	KVH 5,8/25	5800 kg	7300 kg	1800-3200	700 kg	1700/2550	1.450,00
343730	KVH 7,3/25	7300 kg	8800 kg	1800-3200	700 kg	1700/2550	1.450,00

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### Adapter drawbar height KVH

Adapter for the coupling height to the truck for all KVH cable drum trailers.

Code	Type	Suitable for	Coupling height	Trailer length	kg
349601	KVHZ/A	KVH 4,5-7,3	740-800 mm	4960 mm	0,01
349603	KVHZ/B	KVH 4,5-7,3	850-905 mm	5070 mm	0,01
349605	KVHZ/C	KVH 4,5-7,3/25	960-1015 mm	5180 mm	0,00



## Small drum suspension

Small drum suspension for drums below D 1800-800 mm for all KVH-types, but not for driving these drums by hydraulic drum drives.

For hydraulic drive of such small drums of diam. 800-1800 mm, see next table, drum support 346600 TAV 100, can also be retrofitted.

Code	Type	Suitable for	Drum-D	Ext. width	Shaft-D	kg
350942	KVZ 180	KVH 4,5-7,3	800-1800	2550 mm	76 mm	68,00

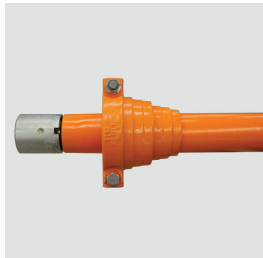


## Drum support for small drums

Additional support in front of all trailers KVH for winding and unwinding small drums D 800-1800 of maximum 2t. Winding by the hydraulic drum drives of the trailers. One set exists of one right-hand and one left-hand support. For loading these drums a lifting equipment is necessary.

Non additional drum shaft is necessary, the standard shaft of the trailer can be used.

Code	Type	Suitable for	Drum-D	Max.	kg
346600	TAV 100	KVH 4,5-7,3	800-1800	2 t	19,00

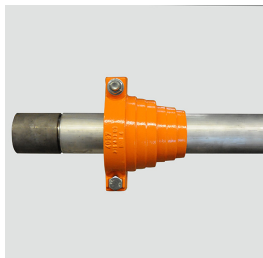


## Rotating steel drum shafts

Surcharge for rotating drum shafts of steel tubes. With rotating shafts cable drums unwind much easier. We recommend also the use of the cones to unroll the cable drum true. With this steel drum shaft the drum disc brake can be used.

- If no drum disc brake is necessary the use of below mentioned light alu drum shaft is recommended.

Code	Type	Suitable for	D/length	kg
350480	TSK 7620	KVH 4,5-7.3	76/20/1888	51,80



## Rotating alu drum shafts

Surcharge for rotating drum shafts of aluminium. With rotating shafts cable drums unwind much easier. We recommend also the use of the cones to unroll the cable drum true. With this aluminium drum shaft the drum disc brake can not be used.

Code	Type	Suitable for	D/length	kg
350690	TAS 7519	KVH 4,5-7.3	75/1900	29,00





## Hydraulic drum drives

Cable drum drive both sides, forwards and reverse, with engine on the trailer for all cable trailers KVH 4.5-7.3.

Hydraulically pressing of the driving wheels on the drum flange, lifting and lowering of the drum. Remote control equipped with 6 m cable. (Radio control as option see below code 351608 TOF 600)

- Hydraulic drive by hydraulic engines with electric starter on the trailer.
- Pulling force on cable depending on drum diameter to approx. 5,0 kN.
- Winding and unwinding speed depending on the drum diameter approx. 0-50 m/min.

Code	Type	Drive of	Engine kW	kg
351600	TBH 600	Drum and jack lift	Petrol 9.6	260,00
351602	TDH 600	Drum and jack lift	Diesel 6.8	280,00



## Radio control for drum drives

Radio control for drum drive and drum lifting for all cable trailers KVH 4.5-7.3 for all operations drum lifting and lowering, pressing the drive rollers to the drum, winding and unwinding the cable with control of the speed.

Code	Type	Functions	kg
351608	TOF 600	See above	20,00



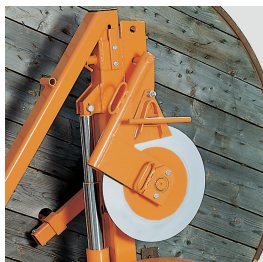
## Drum drives for external hydraulic

Cable drum drive, forwards and reverse, for external hydraulic connection of the towing vehicle. For all cable trailers KVH 4.5-7.3.

Hydraulically pressing of the driving wheels on the drum flange, lifting and lowering of the drum. Remote control equipped with 6 m cable. (Radio control as option see below code 351608 TOF 600)

- Hydraulic drive supplied by the towing vehicle or other external hydraulics.
- Pulling force on cable depending on drum diameter to approx. 5,0 kN.
- Winding and unwinding speed depending on the drum diameter approx. 0-50 m/min.

Code	Type	Drive of	Hydraulic drive	kg
351605	TFH 600	Drum and jack lift	External hydraulic	225,00



## Cable drum disc brake

Cable drum disc brake with drum fork for controlled unwinding of cable or line drums. Hand mechanical setting of the braking force. To use it with KVH-types cones code 315430, ZKO 76 are necessary.

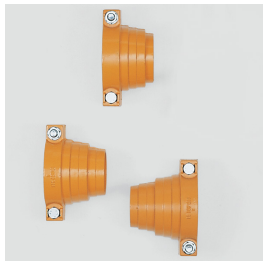
Code	Type	Operation	Braking	At the cable	kg
350860	STB 400	Mechanical	3200 Nm	approx. 4,0 kN	46,00
349680	STB 400H	Holder for	Disc brake	---	1,00



### Clamps for drum shafts

Clamps, new construction reinforced, hinged, for drum shafts for lateral fixing of the cable drum on drum shafts of steel or alu. Hinged version, steel galvanized. Width 61 mm.

Code	Type	For shaft	Width	kg
315045	KSV 76	D 75-76	61	1,50



### Locating cones for drum shafts

Locating cone for drum shafts made of cast steel including clamp. With several steps for drum bores according to DIN.

2 pieces need to be ordered

Code	Type	For shaft	Steps-D	kg
315430	ZKO 76	D 75-76	140/130/125/105/100/90	5,50