



## DRUM STANDS & TRAILERS



STRINGING EQUIPMENT CATALOGUE

## DRUM STAND

Model: TB Z 246 / TB Z 249 / TB Z 550

- Drum stand with hydraulic drive unit suitable for drums up to Ø 3.000 mm; Drum weight: 8.000 kg up to 13.000 kg
- Full hydraulic operation as drum stand => uniform and wear free operation, pulling mode also possible, no run on when the machine stops
- Mounted drum drive => drive need not be dismantled to change the drums
- High quality, light drum shaft with two adjustable cones for a perfect fixing of the drum – suitable for all drum types



### Drum drive unit:

- With planetary gear and hydraulic motor. The drive is activated directly on the drum shaft => high torques can be transmitted with little wear
- Free wheel device for an easy pull out of the rope
- With hydraulic quick couplings for connection with a Puller-Tensioner or other drive unit
- Mechanical brake system as parking brake for safely blocking the drum

### Drum holding fixtures:

- Cone adjustable via a hand crank => simple handling and perfect fixing of the drum
- Adjustable drum driving bolt => for all drum types (wooden drums, aluminium and steel drums with 3 or 4 spokes)
- Drum is loaded via a crane or by tilting the drum stand

	TB Z 246	TB Z 249	TB Z 550
Drive torque: Nm	2.900	2.900	4.000
Drum shaft ø mm	76	76	95 (optional 76)
Max. drum ø mm	3.000	3.000	3.000
Max. drum width with 125 mm bore mm	1.480	1.560	1.775
Max. drum width with 80 mm bore mm	1.380	1.460	1.640
Max. drum weight kg	8.000	10.000	13.000

### Weight and dimensions:

	TB Z 246	TB Z 249	TB Z 550
Weight approx. kg	720	1.250	1.360
Dimensions approx. mm	1.985 x 2.110 x 1.800	2.070 x 2.350 x 1.870	2.600 x 2.400 x 1.910

### Frame:

- Stable steel frame with anchoring eyes
- Dismountable frame for smaller transport dimensions

### Optional equipment:

- Hose set with quick couplings for connection with the drive unit (standard length: 15 m; or according to customer requirements)
- Grounding plate with holding device
- Suitable for stringing operation with helicopter => max. rope speed approx. 20 km/h
- Rope guidance device – hydraulic driven; continuously adjustable for all drum width and rope diameter
- Mounted or separate engine aggregate (with gasoline or diesel engine) => independent operation, e.g. as Puller to pull in old conductor directly
- ATS for automatic rope pull in/out for use behind a Tensioner without additional hydraulic system
- Reel with detachable flange HT/TBF with big rope capacity => ideal for scrapping conductors. Maximum pull force at core Ø: 1.400 daN
- Biodegradable hydraulic oil
- Special equipment or special models (e.g. for bigger drums) on request



## DRUM STAND "IT" Model: TB / IT

- Drum stand with disc-brake system and a manual hydraulic for independent loading of conductor drums
- For drums with a weight up to 10 to (Optional also for heavy drums)
- Consisting of 2 separate units => smaller transport dimensions and minimal weight
- Optional with hydraulic drum drive unit



### Drum tensioning unit:

- Speed continuously adjustable: 0 - ca. 6 km/h (32 U/min)
- With disc-brake system; operation via hand wheel

### Drum holding fixtures:

- Drum shaft with 2 adjustable cones
- The drum is fixed on each side with 4 clamp units. Optional special clamp unit for drums with 3 spokes
- Two manual hydraulic units for lifting and lowering the drum holding fixtures => simple loading of drums

### Frame:

- 2 separate units for smaller transport dimensions; with supporting grips for an easy transport

### Optional equipment:

- Mechanical holding device for drum lifting system; keep the load independent from the hydraulic cylinders
- Holding device to connect a hydraulic drum drive
- Hydraulic drum drive (drive torque: 2.900 Nm; weight: 77 kg) with quick locking device to connect onto the drum stand => in connection with ZECK machines, rope pull in/out is fully automatically controlled
- Hose set with quick coupling to connect to a drive unit (standard length: 15 m; or according to customer requirements)
- Special equipment for bigger drums on request

Model	max. drum weight (kg)	Device for drum drive	max. drum Ø (mm)	min. drum Ø (mm)	max. drum width (mm)	Length (mm)	Weight (kg)
244-050	2.000	no	2.000	700	1.300	1.400	180
244-200	7.000	yes	2.800	1.000	1.500	2.000	280
244-300	10.000	yes	3.200	1.500	1,650	2.200	360



## DRUM CARRIER

Model: TBF 70 SB

- Drum carrier and hydraulic drum stand suitable for drums up to Ø 3.000 mm / width 1.500 mm / weight: 7.000 kg
- All-purpose, as:
  - hydraulically activated drum stand behind a Tensioner
  - Drum carrier (registration up to 80 km/h) with engine aggregate for loading conductor drums independently
  - hydraulic Puller for direct pull in of rope
- Fully hydraulic operation as drum stand => uniform and wear free operation; pulling mode also possible; no run on when the machine stops
- Mounted drum drive => not necessary to dismount the drive to change the drums
- High quality, light drum shaft with two adjustable cones for a perfect fixing of the drum - suitable for all types of drum



### Drum drive unit:

- Drive torque: 2.900 Nm
- Speed continuously adjustable: 0 - 6 km/h
- With planetary gear and hydraulic motor. Drive is activated directly on the drum shaft (no wheel friction drive) => high torques can be transmitted with little wear
- Free wheel device for an easy pull out of the rope
- With hydraulic quick couplings for connection with a Puller-Tensioner or other drive units
- In connection with ZECK machines, rope pull in/out is fully automatic hydraulically controlled
- Mechanical brake system as parking brake for safely blocking the drum

### Drum holding fixtures:

- High quality, light drum shaft with Ø 76 mm, with two adjustable cones and minimal maintenance plain bearings on both sides
- Cone adjustable via a hand crank => easy handling and a perfect fixing of the drum
- Adjustable drum driving bolt => for all types of drums (wooden drums, aluminium and steel drums with 3 or 4 spokes)
- Engine aggregate (5 HP) for lifting and lowering the drum holding fixtures hydraulically => simple loading/unloading of drums
- Suitable for:
  - Drum Ø: max. 3.000 mm
  - Drum width: max. 1.580 mm (with 125 mm bore)
  - Center bore: 80 - 125 mm
  - Drum weight: max. 7.000 kg

### Weight and dimensions:

- Weight: approx. 2.650 kg
- Length x width x height: approx. 4.700 x 2.550 x 2.360 mm

### Frame:

- Stable steel frame – optional in galvanized version
- Front support via robust mechanical supporting winch (with load and idle speed)
- Back support by 2 mechanical supporting plates

### Chassis:

- EU chassis: 2 axle chassis with spring-mounted axles, pneumatic brake system with automatic load dependent braking force, parking brake, lighting system, mudguards and registration as high-speed trailer (in Germany up to 80 km/h)
- Export chassis: 2 axle chassis with spring-mounted axles, pneumatic brake with manual braking force regulation and parking brake, lighting system, mudguards
- Stable towing bar with height adjustable towing eye with Ø 40 mm (optional according to customer requirements)

### Optional equipment:

- Galvanized steel frame
- Lockable tool box
- Hose set with quick couplings for connection to a drive unit (standard length: 15 m; or according to customer requirements)
- Grounding plate with holding device
- Biodegradable hydraulic oil
- Big engine aggregate with electro start (17 HP; with gasoline or diesel engine) => independent operation, e.g. as Puller to pull in old conductors directly
- ATS for automatic rope pull in/out for use behind Tensioners without additional hydraulic system
- Reels with detachable flange HT/TBF with big rope capacity => ideal for scrapping conductors. Maximum pull force at core Ø: 1.400 daN
- Special equipment or special models on request



## DRUM CARRIER Model: TBF 8020 E

- Drum Carrier for drums up to  $\varnothing$  3.200 mm / width: 1.720 mm / weight: 8.000 kg
- Easy installation of the drum by special frame design ("U-type")
- Easy loading by hydraulic hand pump and cylinders



### Drum holding system:

- Steel axle  $\varnothing$  76 mm with 2 drum fixing devices
- Various holding devices for different drum- $\varnothing$
- Suitable for:
  - Drum- $\varnothing$ : max. 3.200 mm
  - Drum width: max. 1.720 mm
  - Center bore: 80-125 mm
  - Drum weight: max. 8000 kg

### Weight and dimensions:

- Weight: approx. 1.100 kg  
permissible max. 9.100 kg
- Length x width x height: ca. 4.000 x 2.520 x 2.300 mm
- delivered with detachable frame for small shipment dimensions

### Chassis:

- 1 axle with rigid axle and parking brake
- supporting wheel
- Optional: Lighting system, mudguards

### Optional equipment:

- Engine driven hydraulic aggregate
- Drum drive unit (only with aggregate)
- additional drum holding devices for drum- $\varnothing$  < 1.700 mm

## DRUM CARRIER Model: TB - S01

- Drum carrier and hydraulic drum stand suitable for drums up to  $\varnothing$  3.000 mm / width 1.500 mm / weight: 8.000 kg
- All-purpose as:
  - hydraulically activated drum stand behind a Tensioner
  - Drum carrier with simple chassis => only for operation at construction sites (without vehicle registration)
  - hydraulic Puller for direct pull in of rope
- Fully hydraulic operation as drum stand => uniform and wear-free operation, pulling mode also possible, no run on when the machine stops
- Mounted drum drive => not necessary to dismount the drive to change the drums
- High quality, light drum shaft with 2 adjustable cones for a perfect fixing of the drum; suitable for all types of drum



### Drum drive unit:

- Drive torque: 2.900 Nm
- Speed continuously adjustable: 0 - ca. 6 km/h (32 U/min)
- With planetary gears and hydraulic motor. Drive is activated directly on the drum shaft (no wheel friction drive) => high torques can be transmitted with little wear
- Free wheel device for an easy pull out of the rope
- With hydraulic and quick couplings for connection with a Puller-Tensioner or other drive units
- In connection with ZECK machines rope pull in/out is fully automatic hydraulically controlled
- Mechanical brake system as parking brake for safely blocking the drum

### Drum holding fixtures:

- High quality, light drum shaft with  $\varnothing$  76 mm, with two adjustable cones and minimal maintenance plain bearings on both sides
- Cone adjustable via a hand crank => easy handling and perfect fixing of the drum
- Adjustable drum driving bolt => for all drum types (wooden drums, aluminium and steel drums with 3 or 4 spokes)
- Drum is loaded via a crane
- Suitable for:
  - Drum  $\varnothing$ : max. 3.000 mm
  - Drum width: max. 1.486 mm (with 125 mm bore)  
max. 1.384 mm (with 80 mm bore)
  - Center bore: 80 - 125 mm
  - Drum weight: max. 8.000 kg

### Weight and dimensions:

- Weight: approx. 1.200 kg
- Length x width x height: approx. 3.200 x 2.420 x 2.020 mm

### Frame:

- Stable steel frame with anchoring eyes
- Lifting rings for easy loading by crane
- Front support via robust mechanical supporting winch (with load and idle speed)

### Chassis:

- 1 axle chassis with rigid axle  
Optional: lighting system
- Stable towing bar with height-adjustable towing eye with  $\varnothing$  40 mm (optional according to customer requirements)

### Optional equipment:

- Hose set with quick couplings for connection with the drive unit (standard length: 15 m; or according to customer requirements)
- Grounding plate with holding device
- Suitable for stringing operation with helicopter => max. rope speed approx. 20 km/h
- Mounted or separate engine aggregate with gasoline or diesel engine => independent operation, e.g. as Puller to pull in old conductors directly
- ATS for automatic rope pull in/out; for use behind Tensioners without additional hydraulic system
- Biodegradable hydraulic oil
- Special equipment or special models on request

## DRUM STAND

Model: TBh 18 / TBh 20

- Drum stand with large disc-brake system and a manually activated hydraulic system for loading drums independently; for drums up to Ø 1.800 mm (TBh 20 up to Ø 2.000 mm) / width 1.140 mm / weight 3.000 kg
- High quality, light drum shaft with two adjustable cones for a perfect fixing of the drum - suitable for all drum types
- Optional with a connectable hydraulic drum drive



### Drum tensioning unit:

- Tensioning torque: 1.900 Nm
- Continuously adjustable speed: 0 - ca. 6 km/h
- Double acting, large disc-brake system; comfortable operation via a big hand wheel

### Drum holding fixtures:

- High quality, light drum shaft with Ø 76 mm, with 2 adjustable cones and minimal maintenance plain bearings on both sides
- Cone adjustable via a hand crank => simple handling and perfect fixing of the drum
- Adjustable drum driving bolt => for all drum types (wooden drums, aluminium and steel drums with 3 or 4 spokes)
- Manual hydraulic unit for lifting and lowering the drum holding fixtures => simple loading of drums
- Suitable for:
  - Drum Ø: max. 1.800 mm (TBh 18)  
max. 2.000 mm (TBh 20)  
min. 1.000 mm
  - Drum width: max. 1.140 mm
  - Center bore: 80 mm
  - Drum weight: max. 3.000 kg

### Weight and dimensions:

- Weight: approx. 460 kg
- Length x width x height: approx. 1.550 x 1.930 x 1.200 mm

### Frame:

- Stable steel frame with anchoring eyes

### Optional equipment:

- Grounding plate with holding device
- Biodegradable hydraulic oil
- Holding device to connect a hydraulic drum drive
- Hydraulic drum drive (drive torque: 2.400 Nm; weight: 67 kg) with quick locking device to connect to the drum stand => in connection with ZECK machines, rope pull in/out is fully automatically controlled
- Hose set with quick coupling to connect to a drive unit (standard length: 15 m; or according to customer requirements)
- Mounted or separate engine aggregate (gasoline or diesel) => independent operation for tension rope-out or pull rope-in
- Rope guidance device – hydraulic driven; continuously adjustable for all drum width and rope diameter
- Special rope grounding device
- Special model (e.g. mounted engine aggregate) or special equipment (e.g. for bigger drums) on request





## DRUM STAND

Model: TB 18 / 25 / 30

- Drum stand with large disc-brake system; various models for drums up to Ø 1.800 mm / 2.500 mm / 3.000 mm (or according to customer requirements)
- High quality, light drum shaft with 2 adjustable cones for a perfect fixing of the drum - suitable for all types of drum
- Optional with a connectable hydraulic drum drive



### Drum tensioning unit:

- Tensioning torque: 1.900 Nm
- Continuously adjustable speed: 0 - 100 m/min (6 km/h)
- Double acting, large disc-brake system; comfortable operation via a big hand wheel

### Drum holding fixtures:

- High quality, light drum shaft with 2 adjustable cones and minimal maintenance plain bearings on both sides
- Cone adjustable via a hand crank => simple handling and perfect fixing of the drum
- Adjustable drum driving bolt => for all drum types (wooden drums, aluminium and steel drums with 3 or 4 spokes)
- Drum is loaded via crane or by tilting the drum stand
- Suitable for:

	TB 18	TB 25	TB 30	TB 30/12,5
Max. drum Ø in mm	1.800	2.500	3.000	3.000
Max. drum width in mm	1.150	1.470	1.650	1.800
Center bore in mm	80 - 125	80 - 125	125 - 140	125 - 140
Max. drum weight (kg)	4.000	7.000	10.000	12.500

### Weight and dimensions:

- Weight: approx. 430 / 620 / 840 / 950 kg
- Length x width x height: approx. 1.600 x 1.960 x 1.380 mm  
approx. 1.790 x 1.960 x 1.830 mm  
approx. 2.500 x 2.400 x 2.100 mm

### Frame:

- Stable steel frame with anchoring eyes
- Dismountable frame for smaller transport dimensions

### Optional equipment:

- Holding device for connecting a hydraulic drum drive
- Hydraulic drum drive (drive torque: 2.400 Nm; weight: 67 kg) with quick locking device to connect to the drum stand => in connection with ZECK machines, rope pull in/out is fully automatically controlled
- Hose set with quick coupling to connect to a drive unit (standard length: 15 m; or according to customer requirements)
- Grounding plate with holding device
- Special models or special equipment (e.g. for bigger drums) on request

