TEREX®

BT 28106

28 t Lifting Capacity
Boom Truck Crane
Sales Flyer
Imperial/Metric

BT 28106

Highlights

The new BT28106 Super Stinger boom truck from Terex combines innovative design with ease of use, structural strength and reliable performance. The result is a boom truck that gives you a low cost of ownership and exceptional reliability.

- 106 ft (32.3 m) fully synchronous telescopic keel boom
- 28 T (25.4 t) maximum lifting capacity
- K-pattern front outrigger design eliminates front jack requirement
- Rated capacity indicator with work area definition

Applications

- Residential construction
- Roofing systems
- Equipment placement
- Transportation—Self-loading/unloading of materials
- Road work
- Rental services

WORKS FOR YOU.™

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SPECIFICATIONS

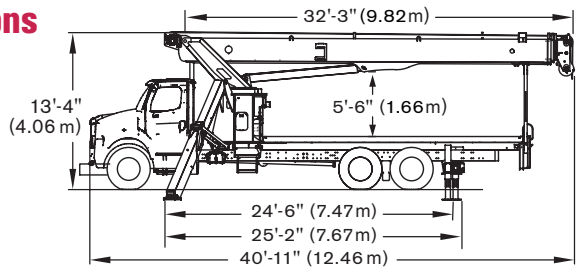
BT 28106

Maximum lifting capacity
56,000 lb (25,401 kg)

Main boom length
32 – 106 ft (9.8 – 32.3 m)

Main boom and jib length
162 ft (49.4 m)

Dimensions



Operational Ease

Enhanced dual control console
Modular, dual-control console allows operation from either side of the machine.

Precision control
Fully proportional controls with precise metering for smooth boom movements.

Work area definition
The operator can define boundaries for boom rotation, lift and lower. A warning alarm sounds if the boom moves outside the defined area.

Strength and Power

Proven keel boom design
Four-section fully synchronized, self-centering design that optimizes strength and delivers performance for high lift capacities at all lift radii.

High-performance hydraulics
Three-pump system simultaneously provides independent flow to the boom, hoist and slew drive.

Outriggers
K-pattern outriggers are designed to offer maximum stability while still providing a small footprint. A front jack is not needed with the K-pattern outriggers.

Serviceability

External rotation drive
External rotation drive provides easy maintenance access.

Hoses
Hoses for extend/retract are easily accessible.

New and Improved

- Step-to-Deck™ enables easy control access
- Expanded handrails
- K-pattern outrigger design
- Lattice offset jib with pull-out fly section

Key Specifications

	Maximum tip height with fully extended jib	162 ft (49.4 m)
	Hoist speed (third layer)	2-speed – 137/209 ft/min (42/64 m/min)
	Maximum line pull	10,500 lb (4,763 kg)

Optional Equipment

- 360 degree continuous rotation
- Two-stage jibs
- Rotation resistant rope
- Multi-part load blocks
- Main hoist with 2 speed motor
- Heavy duty wood flatbeds
- Extra heavy duty wood flatbeds
- Extra heavy duty steel flatbeds
- Radio remote controls
- One-man or two-man baskets
- Hoist drum tensioner
- Oil cooler
- Single front bumper outrigger
- Hydraulic hose reel
- Tool box
- Foot throttle
- Inching control for hoist operation at rear of subframe, for one man hook ball stowage and deploy

Chassis Recommendations (see data sheet for more details)

Description	BT 28106
Combined axle weight rating	52,000 lb (25,401 kg)
Front axle weight rating	18,000 lb (8,160 kg)
Rear axle weight rating	34,000 lb (15,420 kg)
Wheelbase	260 in (6,350 mm)
Cab to Axle	192 in (4,875 mm)
RBM per Frame Rail	3,300,000 lb/in (4,475,000 Nm)

Effective Date: November 2011. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. Copyright 2011 Terex Corporation.

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