

## TA50RT/TA60RT/TA80RT Articulating Boom Lifts



### FEATURES

- 48 ft. 6 in. (14.8 m) to 80 ft. (24.4 m) maximum platform heights
- 500 lbs. (227 kg) maximum platform capacity
- Compact dimensions, superior maneuverability allow travel into congested areas, over rough terrain
- Zero tailswing in working position
- Infinitely variable proportional controls
- Microprocessor controller for exceptional reliability and serviceability
- Quick change platform arrangement simplifies platform removal or replacement
- External power track
- Automatic platform leveling
- Oil immersed fail safe brakes
- Multi-axial slope sensor with alarm
- 5-year structural warranty, 1-year parts and labor warranty
- Terex Support Plus product service

simple, available and  
cost effective™

Machines shown may have optional equipment.

# TEREX TA50RT / TA60RT / TA80RT SPECIFICATIONS

Description	TA50RT	TA60RT	TA80RT
Height-Working (maximum)	55' (16.8 m)	66' 7" (20.3 m)	86' (26.2 m)
Platform (maximum)	48' 6" (14.8 m)	60' (18.3 m)	80' (24.4 m)
Stowed	8' 2" (2.5 m)	8' 8" (2.6 m)	8' 9" (2.7 m)
Length (overall)	19' (5.8 m)	22' 5" (6.8 m)	26' 4" (8 m)
Width (maximum)	7' 2" (2.2 m)	7' 6" (2.3 m)	7' 6" (2.3 m)
Horizontal Reach	29' 10" (9.1 m)	33' 9" (10.3 m)	45' 7" (13.86 m)
Boom Angle – Above Horizontal	74	72°	72°
Below Horizontal	-13	0°	0°
Platform Dimensions	27" x 60" (0.7 x 1.5 m)	36" x 72" (0.9 x 1.8 m)	36" x 72" (0.9 x 1.8 m)
Load Capacity (maximum)	500 lbs. (227 kg)	500 lbs. (227 kg)	500 lbs. (227 kg)
Platform Rotation	130	180°	180°
Wheelbase	6' 5" (1.96 m)	7' 6" (2.3 m)	9' 2" (2.8 m)
Wheel Track	7' 3" (2.2 m)	7' 6" (2.3 m)	7' 6" (2.3 m)
Turret Tailswing	Zero @ 25' (7.6 m)	Zero	Zero
Turret Rotation	355 Non-continuous	360 Continuous	360 Continuous
Turning radius			
Inside	11' 5" (3.48 m)	16' 5" (5 m)	13' 6" (4.11 m)
Outside	18' (5.5 m)	24' 6" (7.46 m)	22' 5" (6.81 m)
Travel Speed			
Stowed	0-3.0 mph (0-5.0 km/h)	0-3.0 mph (0-5.0 km/h)	0-3.0mph (0-5.0 km/h)
Elevated	0-0.5 mph (0-0.75 km/h)	0-0.5 mph (0-0.75 km/h)	0-0.5mph (0-0.75 km/h)
Gradeability*	30% (17°)	45% (25°)	25% (15°)
Controls			
Boom Functions	Proportional	Proportional	Proportional
Drive	Proportional	Proportional	Proportional
Power Source	Air-cooled diesel (2 cyl) 32 hp (23 kw)	Air-cooled diesel (3 cyl) 44 hp (33 kw)	Air-cooled diesel (4 cyl) 60 hp (44 kw)
Charger	N.A.	N.A.	N.A.
Fuel Tank Capacity	20 gal. (75 L)	29 gal. (110 L)	32 gal (120 L)
Hydraulic System		Load sensing pressure compensating	Load sensing pressure compensating
Reservoir Capacity	18.9 gal. (70 L)	29 gal. (110 L)	43 gal (160 L)
Tires	12 x 16.5 Monofilled	14 x 17.5 Monofilled	15 x 19. Monofilled
Ground Clearance	11" (0.28 m)	17" (0.43 m)	20" (5.2 m)
Approx. Shipping Weight	15,400 lbs. (7000 kg)	24,090 lbs. (10 950 kg)	33,400 lbs (15 200 kg)

\*Gradeability data is theoretical and is limited by tire slip, stability, or engine oil pan design.

## STANDARD EQUIPMENT

- Hatz Silent Pack diesel engines: TA50RT: 2L41C A/C 32 hp (23 kw), TA60RT: 3L41C A/C 44 hp (33 kw), TA80RT: 4L41C A/C 60 hp (44 kw)
- 4-wheel drive- Oscillating steer axle (TA60RT and TA80RT only)
- All steel high strength boom
- Electric emergency let down system
- Spring applied, hydraulically released parking brake
- Swing gate
- Infinitely variable proportional controls
- Automatic platform leveling 110 or 220 VAC wiring and GFI receptacle to platform
- Multi-axial slope sensor with alarm
- Fluid level indicator
- External power track
- Auxiliary controls at ground level
- All steel work platform
- Recessed platform top rail
- Lanyard eyelets for safety harness attachment
- Guarded foot and hand controls with return to neutral feature
- Emergency all power shut down switch on console
- Fully accessible hydraulic / electric componentry
- Monofilled tires
- Hourmeter
- All motion alarm
- Flashing amber beacon
- Zero tailswing
- External power track 6 ft. (1.83 m) articulating jib (TA60RT and TA80RT only)
- Fast-up facility (TA60RT and TA80RT only)
- Terex Support Plus product service

## OPTIONS

- 8' (2.4 m) platform (in place of 6' (8.1 m) standard – TA60RT and TA80RT only)
- Compressed air line to platform – 1/2" (1/27 cm)
- Hydraulic line to platform
- Dual fuel kit for Ford gasoline engine
- 120V AC generator
- 220V AC generator
- Spark arrester muffler
- Extra propane tank and bracket
- Platform work light
- 4-wheel steer (TA60RT and TA80RT only)

We reserve the right to amend these specifications at any time without notice. The only warranty applicable is our standard written warranty applicable to the particular product and sale. We make no other warranty, expressed or implied.

For more information, product demonstration, or details on lease and rental plans, please contact your local Terex Aerials Distributor.

