

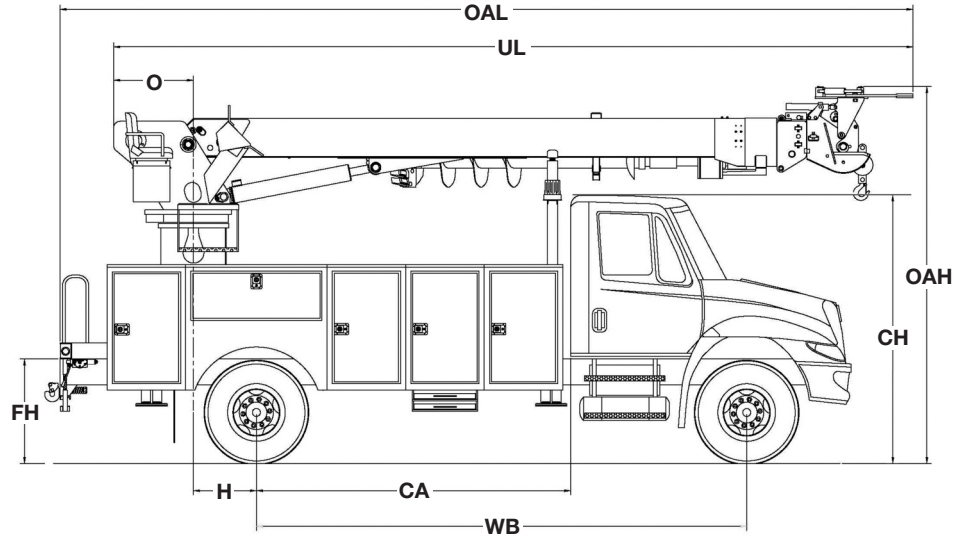


TEREX®

COMMANDER 5000 SERIES

DIGGER DERRICK

Terex® Telelect Digger Derricks are known throughout the industry. They come with a long history featuring quality and innovative design.



Measurements	Commander 5045			Commander 5048			Commander 5050			Commander 5052			Commander 5055		
	ORA	BC	CMT	ORA	BC	CMT	ORA	BC	CMT	ORA	BC	CMT	ORA	BC	CMT
<i>(Minimum Recommendations)</i>															
Typical Frame Height (FH)	40 in. (101.6 cm)			40 in. (101.6 cm)			40 in. (101.6 cm)			40 in. (101.6 cm)			40 in. (101.6 cm)		
Typical Cab Height (CH)	112 in. (284.5 cm)			112 in. (284.5 cm)			112 in. (284.5 cm)			112 in. (284.5 cm)			112 in. (284.5 cm)		
Offset (O)	30.5 in. (77.5 cm)			30.5 in. (77.5 cm)			30.5 in. (77.5 cm)			30.5 in. (77.5 cm)			30.5 in. (77.5 cm)		
Overall Height (OAH)	12' 0" (3.7 m)	12' 0" (3.7 m)	11' 2" (3.4 m)	12' 0" (3.7 m)	12' 0" (3.7 m)	11' 2" (3.4 m)	12' 0" (3.7 m)	12' 0" (3.7 m)	11' 2" (3.4 m)	12' 0" (3.7 m)	12' 0" (3.7 m)	11' 2" (3.4 m)	12' 0" (3.7 m)	12' 0" (3.7 m)	11' 2" (3.4 m)
Overall Length (OAL)	24' 8" (7.5 m)	32' 4" (9.8 m)	23' 4" (7.1 m)	26' 8" (8.1 m)	34' 4" (10.5 m)	25' 4" (7.7 m)	26' 8" (8.1 m)	34' 4" (10.5 m)	25' 4" (7.7 m)	26' 8" (8.1 m)	34' 4" (10.5 m)	25' 4" (7.7 m)	29' 8" (9.0 m)	37' 4" (11.4 m)	28' 4" (8.6 m)
Unit Length (UL)	23' 6" (7.2 m)			25' 6" (7.8 m)			25' 6" (7.8 m)			25' 6" (7.8 m)			28' 6" (8.7 m)		
Center of Rotation (H)	24 in. (61 cm)	111.5 in. (283.2 cm)	61 in. (155 cm)	24 in. (61 cm)	111.5 in. (283.2 cm)	61 in. (155 cm)	24 in. (61 cm)	111.5 in. (283.2 cm)	61 in. (155 cm)	24 in. (61 cm)	111.5 in. (283.2 cm)	61 in. (155 cm)	24 in. (61 cm)	111.5 in. (283.2 cm)	61 in. (155 cm)
Cab to Axle (CA)	120 in. (304.8 cm)	138 in. (350 cm)	102 in. (259 cm)	120 in. (304.8 cm)	138 in. (350 cm)	102 in. (259 cm)	120 in. (304.8 cm)	138 in. (350 cm)	102 in. (259 cm)	120 in. (304.8 cm)	138 in. (350 cm)	102 in. (259 cm)	120 in. (304.8 cm)	150 in. (381 cm)	102 in. (259 cm)
Wheel Base (WB)	192 in. (487.7 cm)	210 in. (533.4 cm)	174 in. (442 cm)	192 in. (487.7 cm)	210 in. (533.4 cm)	174 in. (442 cm)	192 in. (487.7 cm)	210 in. (533.4 cm)	174 in. (442 cm)	192 in. (487.7 cm)	210 in. (533.4 cm)	174 in. (442 cm)	192 in. (487.7 cm)	222 in. (563.9 cm)	174 in. (442 cm)
Front Axle (GAWR)	12,000 lb. (5,443 kg)			12,000 lb. (5,443 kg)			12,000 lb. (5,443 kg)			12,000 lb. (5,443 kg)			12,000 lb. (5,443 kg)		
Rear Axle (GAWR)	21,000 lb. (9,525 kg)	21,000 lb. (9,525 kg)	34,000 lb. (15,422 kg)	21,000 lb. (9,525 kg)	21,000 lb. (9,525 kg)	34,000 lb. (15,422 kg)	21,000 lb. (9,525 kg)	21,000 lb. (9,525 kg)	34,000 lb. (15,422 kg)	21,000 lb. (9,525 kg)	21,000 lb. (9,525 kg)	34,000 lb. (15,422 kg)	21,000 lb. (9,525 kg)	21,000 lb. (9,525 kg)	34,000 lb. (15,422 kg)
Gross Vehicle Weight Rating (GVWR)	33,000 lb. (14,969 kg)	33,000 lb. (14,969 kg)	46,000 lb. (20,865 kg)	33,000 lb. (14,969 kg)	33,000 lb. (14,969 kg)	46,000 lb. (20,865 kg)	33,000 lb. (14,969 kg)	33,000 lb. (14,969 kg)	46,000 lb. (20,865 kg)	33,000 lb. (14,969 kg)	33,000 lb. (14,969 kg)	46,000 lb. (20,865 kg)	33,000 lb. (14,969 kg)	33,000 lb. (14,969 kg)	46,000 lb. (20,865 kg)
Recommend Weight For Stability	25,000 lb. (11,340 kg)			28,000 lb. (12,701 kg)			30,000 lb. (13,608 kg)			31,500 lb. (14,288 kg)			31,500 lb. (14,288 kg)		
Frame Section Modulus	18.0 in ³			18.0 in ³			18.0 in ³			18.0 in ³			18.0 in ³		
Frame Yield Strength	50,000 psi			50,000 psi			50,000 psi			50,000 psi			50,000 psi		
Frame RBM	900,000 in-lbs			900,000 in-lbs			900,000 in-lbs			900,000 in-lbs			900,000 in-lbs		



TEREX®

500 Oakwood Drive
PO BOX 1150
Watertown, SD 57201-6150
USA

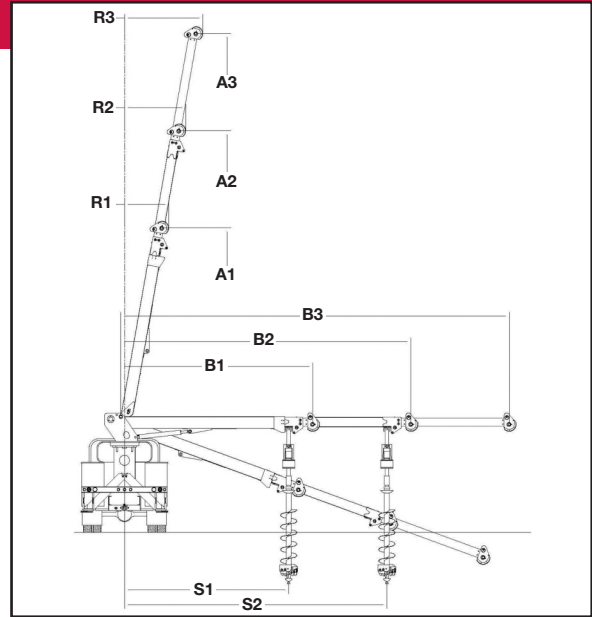
Phone: (605) 882-4000
Facsimile: (605) 882-1842
www.terexutilities.com
E-mail: utilities.info@terex.com

Distributed By:

COMMANDER 5000 SERIES

STANDARD EQUIPMENT

- 100 Degrees of Boom Travel (+80 to -20)
- Dual Lift Cylinders
- Self-Aligning Swivel Ball Bushings
- Rectangular, Bi-Axial Epoxy Resin, Filament Wound Fiberglass Booms
- Box Fabricated Steel Lower Boom and Intermediate
- Hydraulic Boom Extension Intermediate & Upper
- Full Pressure Hydraulic Controls
- Full Pressure, Open-Center Hydraulic System
- 50 Gallon Hydraulic Oil Reservoir
- Custom Made Zoned Load Chart
- Continuous Unrestricted Rotation
- 15,000 lb. Turntable Winch
- Meets or Exceeds ANSI A10.31
- Planetary Parking Brake Rotation
- Dual Handle Rack Controls
- Boom Angle Indicator
- Boom Interlock
- Moving Outrigger Alarm
- Truck Level Indicator



CAPACITIES & DIMENSIONAL DATA (Based on a 40 Inch Frame Height)

Model	Maximum Capacity	Capacity @ 10 ft Radius	Sheave Height			Load Radius			Horizontal Reach			Digging Radius	
			A1	A2	A3	R1	R2	R3	B1	B2	B3	S1	S2
CMDR 5045													
TM Winch	40,700 lb (18,461 kg)	16,050 lb (7,295 kg)	28.9 ft (8.8 m)	37.2 ft (11.3 m)	45.6 ft (13.9 m)	3.1 ft (0.9 m)	4.6 ft (1.4 m)	6.1 ft (1.9 m)	19.1 ft (5.8 m)	27.6 ft (8.4 m)	36.1 ft (11.0 m)	16.1 ft (4.9 m)	24.6 ft (7.5 m)
PG Winch	30,650 lb (13,903 kg)	14,600 lb (6,620 kg)	27.9 ft (8.5 m)	36.2 ft (11.0 m)	45.0 ft (13.7 m)	3.7 ft (1.1 m)	5.1 ft (1.6 m)	6.0 ft (1.8 m)	18.2 ft (5.6 m)	26.7 ft (8.1 m)	35.5 ft (10.8 m)	16.1 ft (4.9 m)	24.6 ft (7.5 m)
CMDR 5048													
TM Winch	37,130 lb (16,842 kg)	15,350 lb (6,963 kg)	30.8 ft (9.4 m)	39.7 ft (12.1 m)	48.6 ft (14.8 m)	3.4 ft (1.0 m)	5.0 ft (1.5 m)	6.6 ft (2.0 m)	21.1 ft (6.4 m)	30.1 ft (9.2 m)	39.1 ft (11.9 m)	18.1 ft (5.5 m)	27.1 ft (8.2 m)
Boom Tip Winch	27,850 lb (12,633 kg)	13,700 lb (6,214 kg)	29.9 ft (9.1 m)	38.7 ft (11.8 m)	48.0 ft (14.6 m)	4.0 ft (1.2 m)	5.6 ft (1.7 m)	6.5 ft (2.0 m)	20.2 ft (6.2 m)	29.2 ft (8.9 m)	38.5 ft (11.7 m)	18.1 ft (5.5 m)	27.1 ft (8.2 m)
CMDR 5050													
TM Winch	37,080 lb (16,819 kg)	15,300 lb (6,940 kg)	30.8 ft (9.4 m)	40.7 ft (12.4 m)	50.0 ft (15.4 m)	3.4 ft (1.0 m)	5.2 ft (1.6 m)	7.0 ft (2.1 m)	21.1 ft (6.4 m)	31.1 ft (9.5 m)	41.1 ft (12.5 m)	18.1 ft (5.5 m)	28.1 ft (8.5 m)
Boom Tip Winch	27,820 lb (12,619 kg)	13,650 lb (6,192 kg)	29.9 ft (9.1 m)	39.7 ft (12.1 m)	49.9 ft (15.2 m)	4.0 ft (1.2 m)	5.7 ft (1.7 m)	6.9 ft (2.1 m)	20.2 ft (6.2 m)	30.2 ft (9.2 m)	40.5 ft (12.3 m)	18.1 ft (5.5 m)	28.1 ft (8.5 m)
CMDR 5052													
TM Winch	37,040 lb (16,801 kg)	15,260 lb (6,922 kg)	30.8 ft (9.4 m)	41.7 ft (12.7 m)	52.5 ft (16.0 m)	3.4 ft (1.0 m)	5.3 ft (1.6 m)	7.3 ft (2.2 m)	21.1 ft (6.4 m)	32.1 ft (9.8 m)	43.1 ft (13.1 m)	18.1 ft (5.5 m)	29.1 ft (8.8 m)
Boom Tip Winch	27,780 lb (12,601 kg)	13,600 lb (6,169 kg)	29.9 ft (9.1 m)	40.7 ft (12.4 m)	51.9 ft (15.8 m)	4.0 ft (1.2 m)	5.9 ft (1.8 m)	7.2 ft (2.2 m)	20.2 ft (6.2 m)	31.2 ft (9.5 m)	42.5 ft (13.0 m)	18.1 ft (5.5 m)	29.1 ft (8.8 m)
CMDR 5055													
TM Winch	31,390 lb (14,238 kg)	14,400 lb (6,532 kg)	33.8 ft (10.3 m)	44.6 ft (13.6 m)	55.5 ft (16.9 m)	3.9 ft (1.2 m)	5.9 ft (1.8 m)	7.9 ft (2.4 m)	24.1 ft (7.3 m)	35.1 ft (10.7 m)	46.1 ft (14.1 m)	21.1 ft (6.4 m)	32.1 ft (9.8 m)
Boom Tip Winch	24,320 lb (11,031 kg)	12,850 lb (5,829 kg)	32.8 ft (10.0 m)	43.6 ft (13.3 m)	54.9 ft (16.7 m)	4.5 ft (1.4 m)	6.4 ft (2.0 m)	7.8 ft (2.4 m)	23.2 ft (7.1 m)	34.2 ft (10.4 m)	45.5 ft (13.9 m)	21.1 ft (6.4 m)	32.1 ft (9.8 m)

OPTIONAL EQUIPMENT

- Various Digger/Augers
 - Auger Storage Left Side (Typical)
 - Auger Storage Right Side (When Specified)
- Fiberglass Personnel Platform
 - Liners With or Without Steps
- Command Post Operator Controls
- Various Types of Controls
- Radio Remote Controls
- Full Pressure Upper Controls
- Single Stick "T" Controls
- Engine Stop/Start and Throttle Advance at Top Controls
- Engine Stop/Start at Lower Controls
- Various Types of Throttle Advance at Lower Controls
- Hydraulic Overload Protection (HOP)
- Boom Tip Winch
- Material Handling Jibs
- Transferable Pole Flanges
- Various Sizes of Pole Guides
- Pole Guide Interlock
- Manual Fiberglass 4th Section (Adds 4 ft)
- Planetary Slip Brake Rotation
- Hydraulic Tool Outlets
- Pole Puller
- Multi-Part Line Components
- Corner Mount Derricks
- Boom Storage Warning Light
- Outrigger Sag Light
- Various Types of Outriggers
- Truck Grounding Cable & Clamp
- Hybrid Enable
- HyPower™ Hybrid System by Terex®

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