



# GROVE®

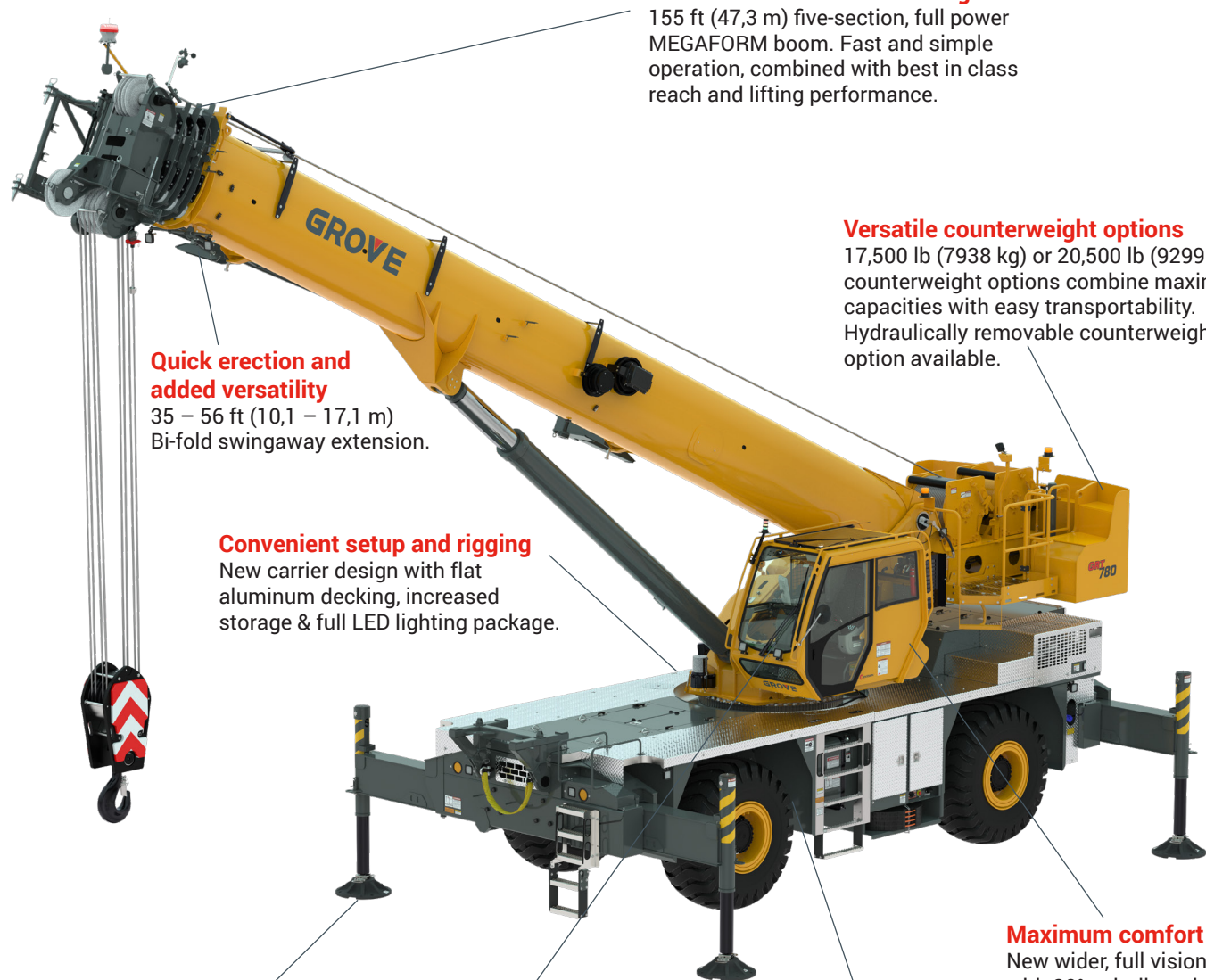
# GRT780

**Capacity:** 80 USt (80 t)

**Main boom:** 155 ft (47,3 m)

**Maximum boom extension:** 33 ft - 56 ft (10,1 m - 17,1 m)

**Maximum tip height:** 220 ft (67 m)



### Best-in-class reach and lifting

155 ft (47,3 m) five-section, full power MEGAFORM boom. Fast and simple operation, combined with best in class reach and lifting performance.

### Versatile counterweight options

17,500 lb (7938 kg) or 20,500 lb (9299 kg) counterweight options combine maximum capacities with easy transportability. Hydraulically removable counterweight option available.

### Quick erection and added versatility

35 – 56 ft (10,1 – 17,1 m)  
Bi-fold swingaway extension.

### Convenient setup and rigging

New carrier design with flat aluminum decking, increased storage & full LED lighting package.

### Increased capacity

MAXbase variable outrigger positioning system for increased lift capacities and easy access to any jobsite.

### Tech to maximize uptime

Grove's oCSI and Connect fleet management system provide on board diagnostics as well as remote monitoring.

### Easy transportation

Compact dimensions, under 10 ft (3 m) wide & lightweight GVW – easy transportation to the job & excellent maneuverability once on site.

### Maximum comfort

New wider, full vision cab with 20° cab tilt and CCS 1+ with 12-inch touch screen display for intuitive operation.

# GRT780

## CCS 1+

- The same Crane Control System you've come to expect on Grove Rough Terrain cranes, now on a single 12 inch (30.5 cm) touchscreen display
- Simple, intuitive functionality for quick set-up and enhanced operation
- New driving mode includes steering indication, fore and aft as well as side to side slope indication, travel speed and more

## MAXbase







- Asymmetrical outrigger positioning systems that allows for maximum accessibility on any jobsite
- Provides increased capacities vs. standard 360° load charts for increased utilization & lower project costs
- Panorama view via the CCS display provides real time visual feedback to the operator with built in function stops when limits reached

## oCSI

- Enhanced diagnostics and monitoring systems for easy serviceability
- On-board monitoring of all hydraulic pressures from the cab
- On-board calibration of sensors via use of day code

## Grove CONNECT

- Telematics system that provides easy access to your complete fleet in real time
- View live crane activity, configuration, RCL data, GPS, faults, hours and more
- Create reports based around maintenance programs, crane utilization, crane performance, software status, maintenance alerts, etc.
- Manage fleets with automatic maintenance alerts, service-related observations, and parts ordering before dispatch

 39 ft – 155 ft		 20,500 lb		 100%		 360°											
				 Pounds													
Radius (ft)	Main Boom Length (ft)																
	39.2	53.7	53.7	68.2	68.2	82.7	82.7	97.2	97.2	111.7	111.7	126.2	126.2	126.2	140.6	140.6	155.1
Tele Sec I	0%	0%	50%	0%	50%	0%	50%	0%	50%	0%	50%	0%	50%	100%	50%	100%	100%
Tele Sec II	0%	17%	0%	33%	17%	50%	33%	67%	50%	83%	67%	100%	83%	67%	100%	83%	100%
Tele Sec III	0%	17%	0%	33%	17%	50%	33%	67%	50%	83%	67%	100%	83%	67%	100%	83%	100%
Mode	A, X, B	A	X, B	A	X	A	X	A	X	A	X	A	X	B	A, X	B	A, X, B
8	*160,000	46,650	117,500														
10	135,000	46,650	117,500	46,500	57,850												
12	120,500	46,650	117,500	46,500	57,850	46,350	57,700										
15	103,500	46,650	102,500	46,500	57,850	46,350	57,700	29,000	55,450								
20	80,750	46,650	79,750	46,500	57,850	46,350	57,700	29,000	55,450	13,550	39,500	8,520	28,500	29,000			
25	61,050	46,650	60,100	46,500	57,850	46,350	57,700	29,000	55,450	13,550	39,500	8,520	28,500	29,000	21,350	23,300	18,000
30	48,000	46,650	47,100	46,500	49,100	45,300	50,350	29,000	50,100	13,550	36,400	8,520	28,500	29,000	21,350	23,300	18,000
35		41,150	37,900	42,400	39,900	40,450	41,150	29,000	42,000	13,550	32,800	8,520	28,500	29,000	21,350	23,300	18,000
40		32,550	29,600	34,300	31,050	35,100	32,300	27,050	33,550	13,550	29,800	8,520	27,900	27,050	21,350	23,300	18,000
45		25,650	23,050	27,600	24,700	28,600	25,900	24,600	27,150	13,550	27,250	8,520	25,350	23,900	21,350	22,700	18,000
50				22,600	19,950	23,800	21,150	22,550	22,400	13,550	22,850	8,520	23,050	21,200	20,650	20,500	18,000
55				18,650	16,150	20,100	17,500	20,350	18,700	13,550	19,150	8,520	19,500	18,350	18,950	18,400	17,450
60				15,550	13,150	17,150	14,550	17,400	15,800	13,550	16,150	8,520	16,550	15,450	16,950	15,950	15,900
65						14,700	12,100	15,050	13,300	13,550	13,750	8,520	14,150	13,100	14,600	13,600	14,000
70						12,650	10,050	13,050	11,300	13,350	11,750	8,520	12,200	11,150	12,650	11,600	12,000
75						10,900	8,330	11,350	9,580	11,700	10,050	8,520	10,500	9,540	11,000	9,960	10,350
80								9,880	8,080	10,250	8,630	8,520	9,120	8,080	9,610	8,520	8,960
85								8,580	6,780	9,040	7,380	8,520	7,890	6,830	8,400	7,290	7,740
90								7,440	5,650	7,910	6,270	8,240	6,820	5,740	7,350	6,210	6,680
95										6,920	5,290	7,290	5,880	4,780	6,420	5,260	5,750
100										6,040	4,410	6,430	5,030	3,910	5,600	4,420	4,900
105										5,250	3,640	5,660	4,260	3,130	4,860	3,670	4,140
110												4,970	3,570	2,430	4,180	2,990	3,450
115												4,340	2,950	1,790	3,540	2,370	2,830
120															2,960	1,790	2,270
125															2,430	1,260	1,740
130															1,950		1,250

\*Special equipment required.

