

# LASER GRADER

**ATTACHMENTS**


LDR MEX TLS RTLS BHL



*One Tough Animal.*

# GRADER



REQUIREMENTS	FEATURES & BENEFITS
 <p><b>TOUGH JOBS</b></p> <p>Grader: ① Attachment Control Kit: ②</p> <p>Grader: Loader must be equipped with an Attachment Control Kit.</p>	<ul style="list-style-type: none"> <li>Blade has a reversible cutting edge that is also easily replaceable.</li> <li>Bob-Tach™ mounted.</li> <li>Blade manually adjusts sideways up to 30 cm either way.</li> <li>Optional laser control package for precise grade control in flatwork contracting.</li> <li>Attachment control kit must be installed on Bobcat® loader to operate attachment.</li> <li>3 cylinders for precise positioning of the blade.</li> </ul>

**Description:** Turn your Bobcat® loader into a high-performance grading machine. The six-way hydraulically-controlled blade is easy to operate with switches located on steering levers. Optional laser control system offers more precise control and saves concrete, time and labor.

## TECHNICAL SPECIFICATIONS

Description	Part Number	Width (cm)	Blade Width Fully Angled (cm)	Blade Angle (Right or Left) (°)	Sideshift	Blade Sideshift Left/Right	Cylinder	Weight (kg)	Control Kit Required	Working Flow	First Use Installation Time
Grader, 213 cm	6906480	213	193	25	Manual	305	3	624	Yes	Standard	None
Grader, 244 cm, HD	7160005	244	212	30	Hydraulic	330	5	1264	Yes	Standard	None
Grader, 274 cm, HD	7182060	274	238	30	Hydraulic	330	5	1298	Yes	Standard	None

## COMPATIBILITY CHARTS

Description	Part Number	Compact Track Loaders						Skid Steer Loaders and All-Wheel Steer Loaders													
		MT55	T450	T590/H	T650/H	T770/H	T870/H	S70	S100	S450	S510/H	S530/H	S550/H	S570/H	S590/H	S630/H	S650/H	S770/H	S850/H	A770/H	
Grader, 213 cm	6906480	X	X							X	X	X	X	X	X	X	X	X	X	X	
① Grader, 244 cm, HD	7160005			X	X	X												X	X	X	
Grader, 274 cm, HD	7182060					X	X											X	X	X	
Note: 7-Pin Attachment Control Kit is installed as standard on High Flow (H) machines.																					
② 7-Pin Attachment Control Kit **	7229102	X							X												
7-Pin Attachment Control Kit **	7128426			X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	

WORKS BEST WITH A COMPACT TRACKED LOADER.

SONIC TRACER AND 3D KIT PACKAGE ARE ONLY AVAILABLE FOR HD GRADERS.

CONTACT YOUR LOCAL DEALER AND/OR YOUR TOOL CARRIER EXPERT FOR MORE INFORMATION AND GUIDANCE.

\*\* To be ordered through Bobcat Parts

# GRADER

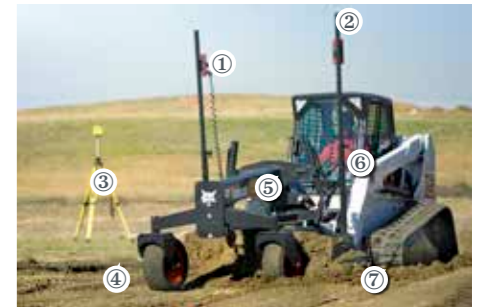
## GRADER 213 CM WITH LASER EQUIPMENT

- Laser Receiver BLR2: PN 7160486 (Must order 2 Receivers.)  
Approved on Graders with S/N 6480-01631 & above
- Laser Transmitters: Dual Slope: GL722 PN 6680073 / GL422N PN 7275232
- Tripod: PN 6688806
- Laser Mounting Kit: PN 7164094 For 84"/213 cm Graders with S/N 6480-01631 & above. Includes poles and harnesses.
- Loader must be equipped with an Attachment Control Kit.  
In case of a non-HF machine, order this kit from Parts.  
7-pin Attachment Control Kit for G > K-series loaders: PN 6733142  
7-pin Attachment Control Kit for M-series loaders: PN 7128426
- 84" / 213 cm Grader PN 6906480



## GRADER 244 CM AND 274 CM WITH LASER SYSTEM

- Laser Receivers BLR2: PN 7160486 (Must order 2 Receivers.)
- Laser Mounting Kit: PN 7177685 (Includes poles and harnesses)
- Laser Transmitters: Dual Slope: GL722 PN 6680073 / GL422N PN 7275232
- Tripod: PN 6688806
- 108" / 274 cm Grader: PN 7182060 or 96" / 244 cm Grader: PN 7160005
- Loader must be equipped with an Attachment Control Kit.  
In case of a non-HF machine, order this kit from Parts.  
7-pin Attachment Control Kit for G > K-series loaders: PN 6733142  
7-pin Attachment Control Kit for M-series loaders: PN 7128426
- Optional End-Wing Kit: PN 7177684



## GRADER 244 CM AND 274 CM WITH SONIC TRACER

- 96" / 244 cm Grader: PN 7160005 or 108" / 274 cm Grader: PN 7182060
- Mounting Hardware: PN 7211624
- Sonic Tracer Package: PN 7023454. Includes 1 sonic tracer, 1 rotation sensor, 2 angle sensors
- Optional End-Wing Kit: PN 7177684



## GRADER 244 CM AND 274 CM 3D KIT

- Pre-fitting for Dual GPS: ①
- Pre-fitting for Single GPS: ① + ② + ③
- Pre-fitting for Universal Total Station (UTS): ① + ② + ③
- Kit 3D ready Harness: PN 7276541
  - Kit 3D Sensor: PN 7276540
  - Mounting Kit + Tracer cable: PN 7211624

Machine harness



# 3D GRADING SYSTEMS

## WHAT KIND OF GRADING SYSTEM DO YOU NEED?

A 3D grader might be able to tackle more jobs than the 2D version, but it is also a bigger investment with additional infrastructure needed (people, engineering design, base stations).

The 3D system enables its operator to work in any environment with a flexible system either based on GNSS or UTS signals. After uploading the design plan into the loader, it enables its operator to create a perfect surface in a single pass, thus reducing fuel and labour costs.

However, for simple grading the 2D Grade control system might just be the perfect solution for you. It comes with a smaller investment, and shorter learning curve. Can grade flats and slopes, still leaving the possibility to expand later onto the 3D system, in order to achieve greater versatility.

## WHAT EQUIPMENT YOU NEED TO UPGRADE YOUR GRADING SYSTEM INTO 3D-READY?

Depending on the chosen Trimble 3D option:

- **DUAL GPS ready kit:** 7276541 – 3D Ready Harness kit
- **SINGLE GPS ready kit:** 7276541 – 3D Ready Harness kit, 7276540 – 3D Ready Sensor kit, 7211624 – Tracer/Slope DLX kit
- **UNIVERSAL TOTAL STATION (UTS) ready kit:** 7276541 – 3D Ready Harness kit, 7276540 – 3D Ready Sensor kit, 7211624 – Tracer/Slope DLX kit

**PLEASE CONTACT YOUR BOBCAT DEALER TO FIND OUT THE BEST SOLUTION FOR YOUR REQUIREMENTS.**



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Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Bobcat units may show other than standard equipment.

