

Manual Lift Grader & Motor Grader

VS.

Typical tow behind grade box



Comparing
Design Specs
& Capabilities



3/8" Steel Plate	✓	Thickness of the main components?		1/8" & 1/4" Steel
5/8" bolts	✓	Assembly bolt diameter?		3/8" bolts
2" (short tines) 4 1/2" (long tines). Depth adjustments can be made from the drivers seat	✓	Maximum penetration depth of spikes or tines?		3/4" below side rails on some models. On others, each spike must be individually lowered
Yes, angle settings are required to create a crowned road surface	✓	Angle settings?		NO, not capable of efficiently shifting displaced gravel from the edges back to the middle
No, the wheels & swing arm can be fully elevated to provide extra weight when required	✓	Additional weight required? (Cinder Blocks)		Yes, much of the devices weight rests directly on the side rails instead of the spikes
Yes, each pass is seamlessly blended together with the last	✓	Grades evenly around curves?		No, the side rails push up ridges that require a drag screen to smooth over
Angled at 22°, the device continuously discharges excess gravel out to the side	✓	Easier to grade with a smaller tow vehicle?		Requires a larger amount of gravel to be continuously hauled in the grade box
The tines angular profile shed plants and roots much better than straight spikes	✓	Resists clogging with vegetation?		Straight spikes are prone to clogging from the weeds that grow in the center of driveways