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COMPACT GRADING SCRAPERS

MODEL SC60

DELIVERS RELIABLE GRADING POWER IN ANY JOB SITE.

The compact series of Grading Scrapers are available in 3-point hitch for tractor mount or towable for utility for all-terrain vehicles. Horsepower requirements are approximately 20 H.P. The scraper is available with linear electronic or hydraulic and without laser grading system.

FEATURES

- Durable steel construction of 3/8" & 1/4" steel plate & heavy wall steel tubing to take daily abuse on a job site
- Rugged casters with wheel hubs and tapered roller bearing withstand years of punishment
- Composite epoxy - fiberglass bushings in all pivot points eliminates the need for greasing
- Wide, flat free tires eliminates tire repair and leaves less of a tire track
- High carbon steel replaceable cutting edges on moldboard and side plates
- Available with hydraulic or electronic liner actuator compatible with most laser systems
- 4 flotation tires on super capacity scraper
- Optional drawback hitch, scarifier bar, and rear hinged cutting edge-standard capacity only
- Tough, long-lasting, powder coated paint reduces rust and corrosion



SPECIFICATIONS

Model #	Box Size	H.P. Req'd	Box Cap.	Weight
SC48	48"	20	4.1	345 lbs.
SC54	54"	20	4.6	365 lbs.

COMPACT GRADING SCRAPERS

Laser Mounted Grading Systems were designed to replace the traditional three person grading crew with a single operator. The units will finish grade elevations to within ¼ inch. These consistent and accurate grades greatly reduces the finish material requirement and avoids overages.

The laser controls are easy to learn and use. As the operator grades, the system's receiver detects laser light from the rotating beacon and transmits a signal to the scraper hydraulic controls. The hydraulic valve uses the signal from the receiver and automatically lowers or raises the grading box to the required grade. Precise finish grade is attained when the "on grade" light remains illuminated.

To make grading scrapers into laser grading scraper 3 components are required:

1. Hydraulic System
2. Laser System
3. Tripod Mounted Rotating Laser Beacon

1. HYDRAULIC PACKAGE

The hydraulic package consists of digitally proportional valve, hoses, fittings, and hardware for the following laser systems:

DESCRIPTION

Apache - Trimble, Topcon, MEI/AGL

2. LASER CONTROLS

The controls consist of control panel, 360o sensor, cables, and manual override.

DESCRIPTION

Apache - Trimble, MEI/AGL

3. ROTATING LASER BEACONS

The tripod mounted rotating laser beacons are either single slope or dual slope. We also offer the tripods, and grades stakes.

Rotating Laser Beacons

- Tripod mounted rotating laser beacons provide either single or dual/cross slope features
- Automatic or manual programming with remote
- Self leveling and H.I. Alert
- 1,000 Ft. diameter range
- Tripod, Grade Rod, and Detectors suitably matched to application



Hydraulic Pkg.



AGL50A



Apache



Leica Rugby 680