

LASER-GRADER®

LASER-GRADER® MFG.

DIVISION OF P. RONCI MACHINE CO.

The Laser-Grader® Model 106-6WD, equipped with a Trimble® Grade Control System, will offer an unusual blend of grading accuracy, versatility and production capacity. The Laser-Grader® is a manually driven, diesel powered compact grader that steers conventionally, and articulates to turn in as little as a 9 foot (outside) turning radius. Its hydrostatic transmission and six wheel drive system combine for maximum pushing power at slower travel speeds making the Laser-Grader® well suited for close grading around columns, footings and utility roughs. The Laser-Grader® fits through a 1.524 meter opening, making it suitable for operation inside framed structures.

In open areas such as synthetic or natural grass playing fields, the Laser-Grader® can easily finish grade in excess of 15,000 square meters per day. When working with material sized of 1.9 cm or smaller, the Laser-Grader® is accurate to +/- .3175 cm. The Laser-Grader® weighs 1500 kilograms, eliminating the uneven compaction typically created by the wheels of heavier equipment, and making transporting the machine much easier than that of a larger machine.

The automated grade control packages are available in a series of different configurations:

- **Conventional Laser:** Uses 2 receivers to follow a laser signal.
- **Sonic Tracing:** Uses a Sonic Tracer to follow a string line, curb or existing grade.

Today's construction standards call for close tolerances, and designers expect these tolerances to be achieved with a Laser guided system. Technology for precise grading is now available and affordable, and as a result, laser controlled grading is becoming a requirement in sub-surface preparation. In addition to achieving a uniform surface, the Laser-Grader® will also increase productivity, improve material yields and reduce your overall operating costs. Performing your finish grading application smarter and faster is critical in today's competitive construction industry.

If accuracy is a requirement in your line of work, the Laser-Grader®, equipped with a Trimble Grade Control Package, has no equal.



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www.laser-grader.eu

LR410
Receiver



CB420
Control Box



ST300
Sonic Tracer

