



1200C RIDING TROWEL

with Hydraulic Power Steering



The Pro 1200C is a completely new model of Mechanical Drive Riding Trowel with a torque converter clutch system powered by either 34HP petrol or 34HP diesel engine. The Pro 1200C features the new PS III Joystick Steering System providing ease of operation. The engine, clutch and drive-line system is mounted on rubber isolators that provide dampening of vibration to the operator and can be removed from the machine as one assembly for easy maintenance and repairs. This rider has a 6-1/2 gallon fuel tank, a 6-1/2 gallon retardant power spray system and detachable engine compartment screens allowing for easy maintenance.

This innovative Riding Trowel also features a new seat mounted safety switch system. This safety system allows a concrete finisher to step off the machine to do some small hand troweling and then remount the machine without having to restart the engine.

FEATURES

1. Gen III, Hydraulic-Powered Joysticks.
2. Heavy-Duty 5-Blade Rotors with Super Heavy-Duty Gearboxes.
3. Removable Engine Panels Front and Back.
4. Individual Manual Blade Pitch Controls.



allen
ENGINEERING
CORPORATION

Contractor proven performance

The power, performance and features that concrete professionals want for today's larger pours. That's the hallmark of our Pro Series Razorback Riders. Allen has poured our years of engineering and manufacturing experience into these contractor-tough riding trowels. Our commitment to quality, attention to detail, and 100% product testing ensures that your Razorback Rider will provide years of high performance and trouble-free operation on the job.

SPECIFICATIONS

FEATURES	MODEL PRO 1200C
Diesel Engine Option:	34 hp Liquid Cooled Turbo Diesel Engine
Dimensions (L x W x H)	100 in x 50 in x 57 in (254 x 127 x 145 cm)
Weight	1,392 lbs (631 kgs)
Petrol Engine Option:	34 hp Liquid Cooled Petrol
Dimensions (L x W x H)	100 in x 50 in x 54 in (254 x 127 x 137 cm)
Weight	1,336 lbs (606 kgs)
Panning Path Width	95 in (241 cm)
Two Rotors (diameter)	46 in (117 cm) 5 Blade
Maximum Rotor Speed (RPM)	159
Finish Blades	6 in x 18 in .074 Blue Steel
Gearboxes (2)	Super Heavy Duty (SHD) 20:1 Gear Ratio
Guard Rings	Detachable Bolt-On
Seat Frame	Bolt-On with Removable Screens
Operator Control Panel	Yes
Steering Control System	Proportional Hydraulic Gen III Powered Joysticks
Pitch Control	Manual Crank
Safety Shutdown Switch	Yes, Seat Mounted
Fuel Capacity	6 gal (23 lit)
Approx. Running Time Between Fueling	3.25 hrs
Torque Converter (TC) Clutch	Standard with all Engines
Drive Line System	Rotating Shaft with Universal Joint
Engine Hour and RPM Meter	Digital
Low Oil Detection	Light
Amperage, Alternator	40 Amp
Lights	Four
Spray Retardant System	6 Gallons (23 lit) Capacity

OPTIONAL FEATURES

Combination Blades	8 in x 18 in
Lifting Bridle	Available

OPTIONAL ACCESSORIES

Dolly Jacks	Recommended
Two Pans	1200 Series (Clip-On or Safety Catch)
Trowel Arm Jig	Available
Spider Pulling Tool	Available



Allen Engineering's Riding Trowels are covered under one or more of the following patent numbers:
 U.S. Design Patents: 323,510; 340,340; 344,736; 400,542; 402,998; 402,999; 403,332; 410,931. U.S. Utility Patents: 5,108,220; 5,238,323;
 5,480,257; 5,480,258; 5,613,801; 5,685,667; 5,803,658; 5,816,739; 5,890,833; 5,934,823; 5,967,696; 5,988,938; 6,048,130; 6,053,660;
 6,089,786. Canadian Patents: 2,039,893. French Patents: 0293496. German Patents: M900736.9. With other Patents Pending.

Torque Converter Clutch



Accessible Engine Area



allen
ENGINEERING
 CONCRETE IDEAS TO BUILD ON

ab lin-pro

P.O. Box 5, 421 21 V. Frölunda, Sweden
 Tfn +46-31-694910, Fax +46-31-298876
 info@alleneurope.com www.concretefloor.com

