

SUGGESTED BID SPECIFICATIONS FOR Clarke Propane Burnishers – With Dust Control

GENERAL	The machine shall be capable of burnishing a path of 21 inches or 27 inches by means of a rotating power driven floor pad. The machine shall be powered by a 603cc Kawasaki engine, modified to run on Liquid Propane (LP).
PROPANE SYSTEM	The propane system shall feature U.L. approved fuel system components and shall include a solenoid gas lock-off, and a gas regulator with a built-in vacuum controlled mechanical lock-off. A.U.L. and D.O.T. approved steel painted propane tank shall be provided with each machine. The propane tank will be an 80% safety fill type.
EMISSIONS CONTROL	Exhaust emissions shall be monitored by the CARB GARD Emissions Control System. The Carb Gard Emissions Control System shall include an oxygen sensor mounted in the exhaust manifold providing input to the Carb Gard electronics module. The Carb Gard electronics module will alert the operator if high emissions are detected, and will shut off the engine if appropriate maintenance is not performed to correct the emissions output. The Carb Gard electronics module will also shut off the engine if it is left idling for longer than two minutes.
CATALYTIC MUFFLER	The machine shall be equipped with a Catalytic Muffler which will aid in cleaning the exhaust of harmful emission elements.
DUST CONTROL	The machine shall be equipped with a passive dust control system that has duct work and a filter bag designed into the main frame. The pad driver shall be skirted with a floating skirt that has a seal to the floor.
PAD DRIVER	The pad driver shall be made of tough polypropylene plastic with a support backing to provide flexibility over uneven floors. The pad driver shall be designed with a full face harpoon grip surface to eliminate growth of the pad under high RPM. The pad driver shall be a spin-off design for easy belt changes and maintenance.
FRAME	The main frame shall be a powder coated alloy base made of premium aluminum / magnesium. The frame shall include maintenance and warning labels, identification tag, and an hour meter.
CASTER WHEELS	The unit shall include two fixed casters for operation, which shall be adjustable for the desired burnishing pressure, and a third swivel caster for transport.
PROPANE TANK AND HANDLE	The set-in propane tank carrier shall include a fabric belt with velcro quick fastener to secure the tank in place. The fully adjustable handle shall be ergonomically designed for multiple height positions. The machine shall be equipped with a centrifugal clutch which shall have a hand activated control on the handle. The clutch shall engage the pad disc.
START SYSTEM	The start system shall consist of a battery powered electric starter with a key switch. A separate throttle shall control idle speed and run speed of the engine.
WARRANTY	The machine, except for burnisher pads, and engine shall be warrantable by Clarke for a period of two years from purchase date for defects in materials and workmanship. The engine shall be warranted for two years by its manufacturer, Kawasaki.
WEIGHT	Approximate machine weights, with empty LP tank are: 21 inches – 241 lb, 27 inches – 268 lb.
MODEL DESIGNATION	The machine shall be a Clarke PBU 21KACATCLDC, or PBU 27KACATCLDC.