P E R K I N S
MANUFACTURING COMPANY

423 East Elm Street • La Grange, IL. 60525 • Phones (708) 482-9500, (800) 882-5292 • Fax (708) 354-5878

XF510 , XF540 & XF570 Bid Specifications

6/14/04

Functional Intent

1) The Carry Can shall mount to a frontloader's forks and be used to collect refuse by hand or via cart lifter until full, and then dumped into refuse collection hopper.

2) The Carry Can will be compatible with all styles/brands of frontload trucks that have been designed to meet ANSI code for frontload collection vehicles .

3) The design of the Carry Can will allow for the easy engagement/disengagement to/from the truck.

4) The capacity of the Carry Can will be approximately 3 cubic yards of refuse, or approx. 1,000 lbs.

5) Operating temperatures will be between -30^{o} F to $+120^{o}$ F.

6) Overall design shall provide for the maximum possible safety for the operator.

Performance

1) The Carry Can will be built of durable materials and designed to withstand typical operator abuse in the field.

2) The Carry Can will be designed to provide the driver with the best view possible without sacrificing refuse capacity.

3) The Carry Can is available in a variety of styles for different operator preferences. There are currently models for front or side mount cans (XF510), corner mounted cans (XF570, and split-body cans (XF540). Custom cans may be built if in quantity of 5 or more and may include an extra charge.

4) The slim fork pockets of the Carry Can will reduce vibration and side-to-side motion that can otherwise cause wear.

Construction

1) All structural components of the Carry Can will be AISI A36 HRS.

2) The faceplate body panels will all be 12 Ga.

3) The body panel support and lifter support components will be 3" structural "C" channel.

4) The bottom is protected by skid plates that help give the Carry Can more life.

5) The Carry Can will have a reinforced area for a cart lifter mounting plate that will be ½" thick, which will have 6 bolts/studs for easy attachment of the lifter to Carry Can.

Hydraulics (if lifter is installed)

1) The hydraulic system does not require any electrical wiring or solenoids, which are optional.

2) The Carry Can will have a open-center 4-way hand control valve mounted to it. The Hand Valve has a built in adjustable relief valve and a dead-man stop feature. Release the handle and all motion to the lifter stops. If there will be two lifters mounted, such as on the split-body container, then they will each have their own Hand Valve that will allow the units to work independently of each other.

3) A P.O. Check valve mounted to the lifter's actuator prevents unwanted lifter travel when the cart lifter is not in use.

4) The hoses leading to the truck will come equipped with standard quick-disconnect fittings for quick and easy attachment to the truck.

5) All hoses, fittings and valves are rated for use in high-pressure, 3,000 PSI systems.

6) Also provided and installed are clamps for managing the proper hose placement.

Maintenance

1) Regular maintenance to the Carry Can is not required.

Finishing

1) All metal surfaces will be prepared and power washed prior to painting, to remove oils, rust, welding slag and grease.

2) Painting will be a water-based primer coating and one top-coat that will be "WM Green" unless otherwise specified.

3) Completed unit will have all appropriate safety decals.

4) Carry Can will come with an identification tag permanently affixed to the infrastructure that has the serial number necessary for warranty purposes.

5) All shipments will be packaged with cardboard on the corners, mounted atop a pallet, with plastic wrap/steel strapping to secure the Carry Can to the pallet.

6) The Carry Can will come packaged with an instruction manual that contains detailed instructions on the proper mounting and care for the lifter, as well as a spare parts key and ordering information.

Warranty

1) The Carry Can shall be warranted against manufactures defects for a period of 5-years. Standard warranty does not cover labor. See Warranty Page for complete details.