PROBLEM	CAUSES	SOLUTION
Foot pedal goes flat & motor	Hole in pedal	Replace
stops	Hole in internal switch.	If no hole in hose or pedal,
		replace.
Ground fault interrupter trips	Bad cord	Replace cord
won't reset	Short in motor	Have motor Service Center
	Bad ground fault interrupter	inspect
		Replace GFCI plug
Motor & drum turn in one direction only	Faulty reversing switch	Replace reversing switch
Broken or kinked cable	Forcing cable	Work in back-forth motion,
	Machine not close enough to	letting end of cable work
	clean out	Get as close as possible to
	Using wrong size cable in line	cleanout.
	Acid contamination	(18" to 2' if possible)
		Use proper cable size
		Avoid lines that have been
		treated with acid solutions
Cable pulls to middle of drum	Crank arm not turning freely	Jr. –oil crank-arm bearings
and tangles up		and drum bushing.
		Make sure wing nuts holding
		drum on frame are finger
		snug only.
		'400' only-Crank arm must be
		tight against drum hub and
		frame shaft. Loosen two
		collars on arm, then while
		pushing arm tight against drum hub push back collar
		against bearing and tighten
		set screw.
Cable does not feed through	Broken or frozen bearing	Replace bearing
power feed '400" only	Bearing pin out of channel	Remove cover and place ball
,		of pin in channel