



FleetPLOW™ for BUS & TRANSIT Specifications - August 2017

Model Number

Portable FleetPLOW™ with Basic Automation	FleetPLOW™ with Basic Automation	FleetPLOW™, Base-Mount with Basic Automation	FleetPLOW™, Wide-Spanner with Basic Automation
880B	770B	700 series	

CONFIGURATION

PORTABLE: Rollaway chassis on (4) sets of dual 12" heavy duty Plastex Phenolic wheels (front swivel, rear fixed), screw jacks at each wheel set, to lower and raise the machine to or from the ground, (2) 1800 pound fork-liftable concrete stabilizing ballasts, and bolt-on tow bars for moving the FleetPLOW.		-	-
BASE-MOUNT: One inch thick base plates bolted on steel beam columns for placement on concrete footers. Concrete footer design drawings, (8) anchor bolts, and plywood bolt patterns provided for footer construction, by others.	-		

AUTOMATION

BASIC AUTOMATION: After positioning the vehicle at the correct spot under the plow, the operator lowers the plow with a hand-held pendant control, then releases the down button when the plow reaches the vehicle roof. The driver proceeds forward to clear the snow. Using the pendant control, the operator raises the plow for the next vehicle.			
---	--	--	--

OPERATIONAL

Deep-V Concave Plow, 13'-4" wide, made of reinforced steel plate. The free-floating, single-point pivot suspension, with (3) rows of 11" and (2) rows of 15" extreme duty poly snow brushes, and (15) 1/2" thick neoprene contour wipers per side, enables effective removal of up to 24" of heavy, wet snow and ice off the roof to both sides of the vehicle.			
Accu-Track™ Plow Guide System for flush contact over the full length of the roof, with ten 8" guide wheels.			
Half-ton, extreme duty, 110V, electric chain hoist for plow height adjustment.			-
Upgraded one ton, extreme duty, 110V, electric chain hoist for plow height adjustment.	-	-	

ELECTRICAL

Control Panel, mounted on driver's side, with lockable power disconnect switch and removable up/down pendant on 8' cord.			
Solid State 9400 lumens LED floodlight.			
NEMA 4 water-tight, dust-tight electrical enclosures			
Requires only 110 V /15 amp single phase electric. Receptacle accepts extension cord, generator, or hard wiring. Some don't have male receptacle?			
Requires only 110 V /15 amp single phase electric service. Control Panel accepts extension cord, generator, or hard wiring (for base-mount models).			
All cables and cord sets are "plug 'n play", quick-connect for ease of assembly and maintenance.			

STRUCTURAL

15 ft. Wide drive-thru, heavy-duty structural steel frame constructed of wide flange beams and structural tubing.			-
Made-to-order, reinforced, extended width, drive-thru frame to span throughways, exits, and entrances up to 35 feet wide.	-	-	
3-step durable all-weather painting process: 1) Rigorous steel grit surface cleaning, 2) High quality, rust-prohibitive alkyd primer, 3) High gloss, high solids, machinery grade enamel premium finish coat.			
Grade 8 high tensile bolts used throughout.			

DIMENSIONS

Overall Width (footprint)	18'-7"	16'	36'-6" max
Length (footprint)	18'-10"	2'	2'
Height (including floodlight)	19'-9"	19'-6"	19'-6"
Drive-Thru Clearance Width	14'-8"	14'-8"	varies
Drive-Thru Clearance Height at Full-Up Position (front plow guide wheels above reflective tape strips); 15" brush bristles	13'-6"	13'-3"	13'-3"
Drive-Thru Clearance Height at Lowest Position (front plow guide wheels resting on safety stops); 15" brush bristles	5'-10"	5'-7"	5'-7"