



FleetPLOW™ for TRUCKS Specifications - August 2017

Model Number

Portable FleetPLOW™ with OneTAP™ Automation	Portable FleetPLOW™ with Standard Automation	FleetPLOW™ with OneTAP™ Automation	FleetPLOW™ with Standard Automation	FleetPLOW™ with Standard Automation
440T	440S	110T	110S	200 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

FULL AUTOMATION: OneTAP™ locates the trailer, electronically lowers the plow to the correct position on the trailer, signals the driver to drive forward to clear the snow, and raises the plow to the full-up position for the next truck. Included are a load spring piston assembly, start station, trailer locator LED beam, red and green LED driver signal lights, control panel with digital computer (PLC), and back-up pendant control.	❄️	-	❄️	-	-
STANDARD AUTOMATION: After positioning the vehicle under the plow, the operator lowers the plow with a hand-held pendant control, then releases the down button when the plow reaches the trailer roof. The driver proceeds forward to clear the snow. The AutoUP™ sensor array raises the plow for the next truck.	-	❄️	-	❄️	❄️

OPERATIONAL

Deep-V Concave Plow, 13'-4" wide, made of reinforced steel plate. The free-floating, single-point pivot suspension with replaceable, 1" thick x 6" rubber wiper squeegee 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 eight 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 switch and removable up/down pendant on 8' cord.	❄️	❄️	❄️	❄️	❄️
AutoUP/Manual selector switch mounted on control panel door.	-	❄️	-	❄️	❄️
Solid State 9400 lumens LED floodlight.	❄️	❄️	❄️	❄️	❄️
Storage enclosure for back-up manual pendant control.	❄️	-	❄️	-	-
NEMA-4 water-tight, dust-tight electrical enclosures.	❄️	❄️	❄️	❄️	❄️
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"	18'-7"	16'-0"	16'-0"	36'-6" max
Length (footprint)	18'-10"	18'-10"	2'-0"	2'-0"	2'-0"
Height (including floodlight)	19'-9"	19'-9"	19'-6"	19'-6"	19'-6"
Drive-Thru Clearance Width	14'-8"	14'-8"	14'-8"	14'-8"	varies
Drive-Thru Clearance Height at Full-Up Position (front plow guide wheels above reflective tape strips)	14'-8"	14'-8"	14'-5"	14'-5"	14'-5"
Drive-Thru Clearance Height at Lowest Position (front plow guide wheels resting on safety stops)	8'-0"	8'-0"	7'-9"	7'-9"	7'-9"