

Fleet Plow for BUSES Specifications - Winter 2024-25



Fleet Plow Model Number	MEDIUM-DUTY	HEAVY-DUTY	OTHER HD MODELS AVAILABLE	
	MD-12B	880B	770B	700 series WIDE-SPANNERS

CONFIGURATION

PORTABLE (4 sets of wheels on screw jacks) <i>Includes tow bars & concrete stabilizing ballasts</i>			-	-
FIXED BASE (Permanent Installation) <i>Requires concrete & electric by others.</i>	-	-		

AUTOMATION & POWER

Automation Level	Basic	Basic	Basic	Basic
Controls	Weather resistant pendant w/ 12' cord	NEMA-4 pendant w/ 8' cord	NEMA-4 pendant w/ 8' cord	NEMA-4 pendant w/ 8' cord
Hoist	Industrial 800 lbs. wire rope	Extreme-duty half ton chain	Extreme-duty half ton chain	Extreme-duty one ton chain
Power Requirement	12V DC (battery)	110V /20A @60HZ (single phase)	110V /20A @60HZ (single phase)	110V /20A @60HZ (single phase)

FEATURES

Deep-V™ plow blade assembly (400 lbs., 11'-0" wide) with a combination of 10", 14", and 16" brushes		-	-	-
Deep-V™ plow blade assembly (800 lbs., 13'-0" wide) with 10", 14", and 16" brushes and (12) ½" thick neoprene wipers	-			
Accu-Track™ Plow Guide System with eight 8" guide wheels	-			
Accu-Track™ Plow Guide System with twelve UHMW slider pads		-	-	-
Solid State 9400 lumens LED floodlight	-			
NEMA-4 water-tight, dust-tight electrical enclosures				

DIMENSIONS & WEIGHT

Weight (portable models w/ ballasts)	3850	8000	3000	varies
Length (of footprint)	11'-2"	18'-10"	2'-0"	2'-0"
Width (of footprint)	16'-4"	18'-7"	16'-0"	36'-6" max
Height (includes floodlight when applicable)	17'-9"	19'-9"	19'-9"	19'-6"
Deep-V™ Plow Width	11'	13'	13'	13'
Clearance Width (Drive-Thru)	12'-0"	14'-8"	14'-8"	varies
Clearance Height at Full-Up, Recommended Vehicle Maximum	13'-5", 13'-6"	13'-9", 14'	13'-6", 13'-6"	13'-6", 13'-6"
Clearance Height at Full-Down, Recommended Vehicle Minimum	5'-9", 6'-3"	6'-10", 7'-2"	6'-7", 6'-11"	6'-7", 6'-11"

MISCELLANEOUS

Paint/Coating	Powder Coat	Premium Enamel	Premium Enamel	Premium Enamel
Warranty	2 year parts, 1 year labor	2 year parts, 1 year labor	2 year parts, 1 year labor	2 year parts, 1 year labor
Recommended Maximum Ground Slope, front/back or left/right	3% grade	3% grade	3% grade	3% grade
Minimum Recommended Operating Temperature	-20F, -29C	-40F, -40C	-40F, -40C	-40F, -40C