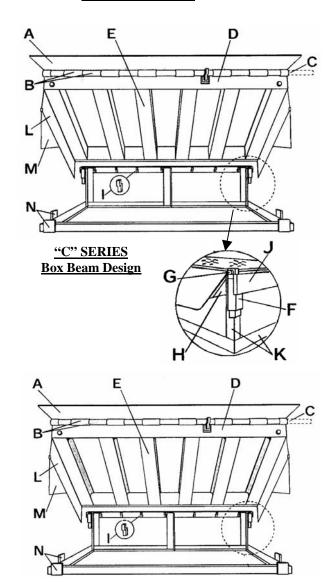
DOCK-RAMP

DOCK LEVELER

TECHNICAL & MATERIAL **SPECIFICATIONS**



"I" SERIES "I" Beam Design

NOTES:

"C" Series DRMD-C Mechanical and DRHD-C Hydraulic docks available in 6', 6'6", and

7' width X 6'and 8'length models. DRMD Mechanical and DRHD Hydraulic docks are available in 6',6'6", and 7'width X 6', 8', 10' and 12' length models.

Specifications based on standard 6' wide nominal length models up to 8'long with 16" long lip. (Longer lips available – consult factory.)
Options may effect specifications – consult factory

NOTE: Some detail has been omitted from illustration.

Available in both Mechanical and Hydraulic models

Available in both Mechanical and Hydraulic models

Available in Hydraulic models only.

CAPACITY 25,0000		
Frame Depth	60,000lb	80,000lb
Fearm Depth 19-6-Feart, 19-Rout 19-3-Feart, 19-Rout 19-3-F	(27,270kg)	(36,365kg)
Frame Depth		"I" Series
Frame Depth	1 001103	DRHD/
Farmer Depth		DRHD-FH
Travel Range 12 - above and below 000-keef	514.15 111	
A Trough Place Lipt Which sight broads dock level dock level dock level dock level dock level lipt supply Which sight broads 15° Dec 16° Dec 1		19-1/2" Front, 19" Rear
Tread Plate Light 19 19 19 19 19 19 19 1		12" above and below
Lip Langer Developed Plate Mr. strip gussels on 16 % 20 flps. 16 % 16 gussels on 18 % 20 flps. 27 dis. 27	dock level	dock level
Up Support Prints NA		34" thick high tensile
Paysorte 18	16"	16"
B Lip Hinge (sommers) 1/4" dia 2-46	3/8" lip support plate	3/8" lip support plate
Spools 1	- six lip gussets	- six lip gussets
D. Head Board (full Weld Line) D. Six ca D. Si	ts 3" dia. w/ gussets	3" dia. w/ gussets
Deck and Boern 10 May 10	1- ³ / ₈ " dia.	1- ³ / ₈ " dia.
To deck support	6"H x ¾" thick	6"H x ¾" thick
Support (high tensile) Deck and Beam 60°W and 7'W models only Thread Plate Deck 70°W and 7'W models Only Thread Plate 70°W and 7'W models Only Thread Plate 70°W and 7'W models Only Thread Plate 70°W in thread 70°		
Optifications only Deck and Beam Got Wand TW models Optifications only Thread Plate Deck Thickness 00 Thread Plate Deck Thr	6" x 4" I-Beams, Eight ea.	
Deck and Seem Gussels F Maintained Deck Titl Gusel Gussels F Maintained Deck Titl Gusel Gussels Gussel	6"x3.6" Heavy Duty	I-Beams, Eight ea.,
Cussels Thread Pale Deck Thickness 9 The Maintaned Deck Titt Ge Rear Hinge Pin Gul deck width) H. Rear Toe Guards The Geards This Sundard 4' Tolla. T	I-Beams for 12'L	Ten ea. For 7'W
Throad Plate Deck This high tensile Wr hig	NA	NA
Thickness 90 F. Maintand Deck Till F. Maintand Deck Till F. Standard 4* Standa	3/8" high tensile	½" high tensile
Control Structural and Protection Toda		, and the second
Tull deck width) H. Rear Toe Guards Toe Gua	Standard 4"	Standard 4"
H. Rear Toe Guards I Hinge Blocks (z/w I Hinge Blocks (z/w I Wide W Wide W Wide Seven ea Seve	1" dia.	1" dia.
Hinge Blocks (CW rear fixme support 1/4" Wide 3/4" Wide 3/	7 gauge	7 gauge
rear frame support Five ea. Seven ea	1-1/8" Wide, Nine ea.,	1-1/8" Wide, Nine ea.,
Frame Back Plate (u) (deck width) 3*H x ½* thick 3*	Ten ea. On 7'W model	Ten ea. On 7'W model
K Frame Members 7 gauge formed and ½ 7 gauge formed and ½ 5 structural angle structural ang	3"H x ¾" thick	3"H x ¾" thick
L Structural angle stru	nd ¼" 7 gauge formed and ¼"	7 gauge formed and 1/4"
L Structural Toe Guard Protection OSHA safety striping OSHA safety strip	structural angle	structural angle
Protection OSHA safety striping Safety Striping Safety Striping Striping Striping OSHA safety striping OSHA safety striping Striping Striping OSHA safety striping Striping OSHA safety striping Striping OSHA safety striping Striping Striping OSHA safety striping Strip	ry 12 gauge, stationary	12 gauge, stationary
Full Range Toe 12 gauge, sliding OSHA 12	ng OSHA safety striping	OSHA safety striping
N Corner Safety Stops/ Lip Keepers (night Locks) Safety Maintenance Strut Molded Rubber Bumpers 10°W x 13°H x 4°D 10°W	OSHA 12 gauge, sliding OSHA	12 gauge, sliding OSHA
Lip Keepers (night locks) Safety Maintenance Strut Molded Rubber Two ea. Two ea. Two ea. Two ea. Itwing Springs (Mechanical Models) Cylinders (Hydraulic Models) Free Fall Protection* (Mechanical Models) Free Fall Protection* (Mecha	safety Yellow	safety Yellow
Safety Maintenance Strut Molded Rubber Bumpers 1-¼" square, telescopic 1-¼" square, telescopi	Standard	Standard
Strut Molded Rubber Bumpers 10°W x 13°H x 4°D 10	copic 1-¼" square, telescopic	1-¼" square, telescopic
Bumpers 10°W x 13°H x 4°D 10°W	Two ea.	Two ea.
Lifting Springs (Mechanical Models) Cylinders (Hydraulic Models) Four ea., heavy duty (Mechanical fall safe legs (Mechanical fall safe legs (Hydraulic Mydraulic Mydraulic Mydraulic Mydraulic Models) Free Fall Protection* (Mechanical fall safe legs (Hydraulic Mydraulic Mydraulic Models) Free Fall Protection* (Hydraulic Models) Control Station (DRHD and DRHD - C Hydraulic Models) Control Station (DRHD and DRHD - C Hydraulic Models) Four ea., heavy duty Five ea. For 10' and 12' dia. lift and 2-½* dia. lift and	Two ea.	Two ea.
(Mechanical Models) Cylinders (Hydraulic Models) Z* dia. lift and 2-½* dia. lig cylinders Z* dia. lig cylinders Z* dia. lift and 2-½* dia. lig cylinders Z* dia. li		10"W x 13"H x 4"D NA
Free Fall Protection (Mechanical Models) Iip cylinders I	'' ''	
Free Fall Protection* (Mechanical fall safe legs (Mechanical fall safe legs legs	Two ea., 2" dia. lift	Two ea., 2" dia. lift
Control Station (DRHD and DRHD - C Hydraulic Models) Legs Legs Velocity fuses Up to 3" Up to	ers cylinders One double acting	cylinders One double acting
Control Station (DRHD and DRHD - C Hydraulic Models) Legs Legs Velocity fuses Vel	2-1/2" dia. lip cylinder	2-1/2" dia. lip cylinder
Control Station (DRHD and DRHD - C Hydraulic Models) Legs Legs Velocity fuses Up to 3" Up to	e legs NA	NA
(Hydraulic Models) Up to 3" Up		
Control Station (DRHD and DRHD - C Hydraulic Models only) Single push button with reset NEMA 4 (water resistant), 3-¼*"W x 6- ½*"H x 5-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3-¼*"W x 6- ½*"H x 5-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3-¼*"W x 6- ½*"H x 5-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3-¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3½*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D Single push button with reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/g*"D	Velocity fuses Up to 3"	Velocity fuses Up to 3"
(DRHD and DRHD - C Hydraulic Models only) reset NEMA 4 (water resistant), 3-¼*"W x 6- ½*"H x 5-¹/₅*"D reset NEMA 4 (water resistant), 3-¼*"W x 6- ½*"H x 5-¹/₅*"D reset NEMA 4 (water resistant), 3-¼*"W x 6- ½*"H x 5-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D reset NEMA 4 (water resistant), 3¼*"W x 6- ½*"H x 8-¹/₅*"D <th></th> <th>Single push button with</th>		Single push button with
Hydraulic Models only) resistant), 3-¼*\\\\ x 6-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		reset NEMA 4 (water
only) ½*H x 5- ¹ / ₈ *D ½*H x 5- ¹ / ₈ *D ½*H x 5- ¹ / ₈ *D ½*H x 8- ¹ / ₈ *D		resistant), 3¼"W x 6-
Control Station NA NA NA Multi push button NEMA Multi push button NE	½"H x 8-1/8"D	½"H x 8-1/8"D
		Multi push button NEMA
(DRHD - FH 12 (oil & dust resistant)		12 (oil & dust resistant)
Hydraulic Models 8-¾"W x 11-½"H x 8-¾"W		8-¾"W x 11-½"H x
only) 7-¼"D 7-½"D	7-¼"D	7-¼"D
Power Pack Motor** 1 HP. Fan Cooled 1 HP. Fan Cooled 1 HP. Fan Cooled (TEFC) 1		1 HP. Fan Cooled (TEFC) Single Phase, 60 Cycle
The state of the s	Jingle Fliase, ou Cycle	Single i hase, oo cycle
60 Cycle 60 Cycle 60 Cycle		_!

* Standard for U S market.

 $^{\star\,\star}\,$ Single and 3 phase voltages available.

- (1) Tread Plate Lip minimum 50,000 psi (300,000kPa) yield, 65,000psi (450,000kPa) ultimate tensile.
- (2) Lip Hinge Spools 70,000psi (490,000kPa) typical yield, 85,000psi (590,000kPa) ultimate tensile.
- (3) Tread Plate Deck minimum 50,000 psi (300,000kPa) yield, 65,000psi (450,000kPa) ultimate tensile.

Note: Yield and tensile strength are based on steel mill minimum guaranteed standards.

Concurrent with our continuing product improvement program, specifications are subject to change without notice.

Please contact factory for latest information.

Some features listed may be optional in certain market areas.

METRIC CONVERSION

mm - multiply inches by 25.4

kg - divide lbs. by 2.2