



Wellfleet Shellfish Department



300 Main Street, Wellfleet, Massachusetts 02667

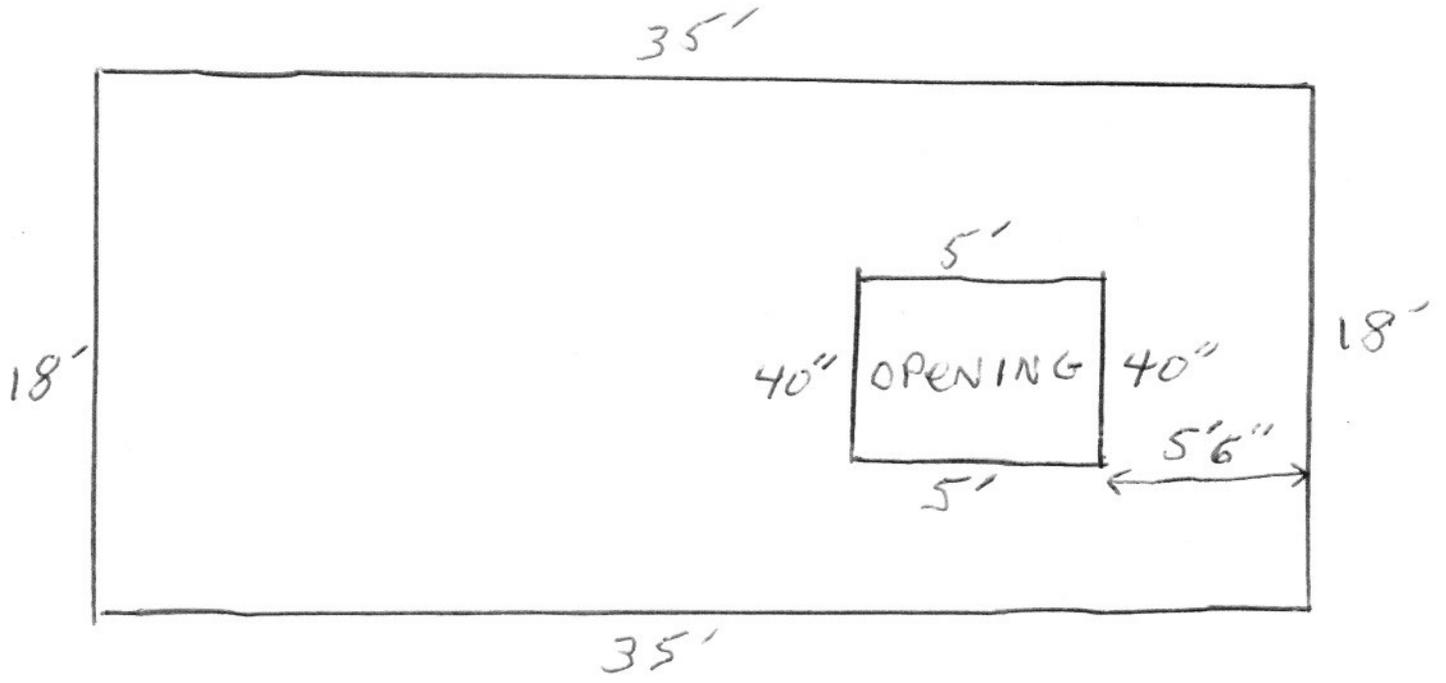
SPECIFICATIONS FOR SHELLFISH DEPARTMENT CULTCH BARGE FOR DELIVERY MARCH 15, 2015

- DIMENSIONS:** 35' LENGTH
- PONTOONS:** POLYETHYLENE (OR EQUIVALENT)
- HOPPER:** 5' LENGTH
(OPENING 3' 4" WIDE
FOR SHELL
SEE SKETCH)
- CONTROLS:** TO BE MOUNTED ON STEERING CONSOLE 3' 9" ABOVE DECK
ON 5' X 5' PLATFORM (see sketch)
- POWER:** TWIN 90 HP OUTBOARDS WITH CONTROLS AND CABLES TO
CONSOLE
- FUEL:** DUAL 25 GALLON GAS TANKS
- CAPACITY:** BARGE MUST SUPPORT 16,000 POUND PAYLOAD WHILE
MAINTAINING AT LEAST 14" OF FREEBOARD ALL AROUND
AT THE DOCK. THE TOWN WILL MOUNT A SANDER TO THE
BARGE AFTER VENDOR DELIVERY (SEE ATTACHED
DIMENSIONS FOR LMCH5H 8.9 CU. YD.). SANDER BODY
WEIGHT, FULLY LOADED SHELL WEIGHT, TYPICAL ENGINE
WEIGHT (2 STROKE), FUEL, FUEL TANK AND PASSENGER
WEIGHT IS THE BASIS OF PAYLOAD REQUIREMENT. VENDOR
IS RESPONSIBLE FOR INCLUDING ADDITIONAL WEIGHT OF
THE BARGE, IN MEETING FREEBOARD REQUIREMENT.
- WARRANTY:** PLEASE PROVIDE WARRANTY ON ALL COMPONENTS AND
OVERALL ASSEMBLY WITH BID RESPONSE.
- DELIVERY:** WELLFLEET TOWN PIER, WELLFLEET MASSACHUSETTS, NO
LATER THAN MARCH 15, 2015

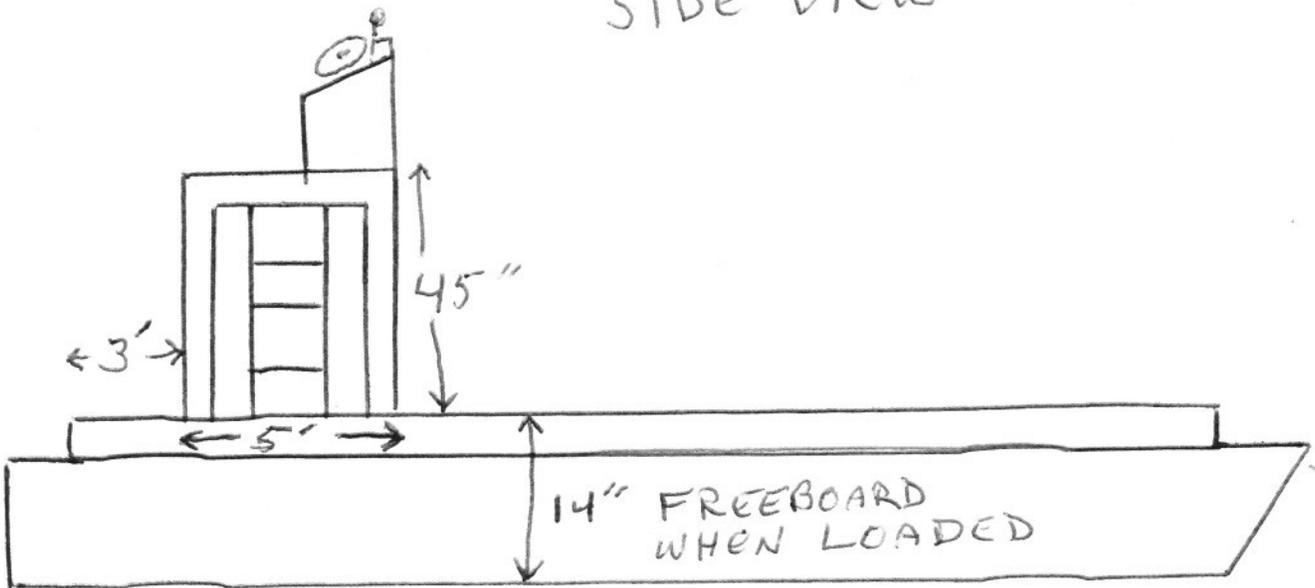
Fax (508) 349-0305



TOP VIEW

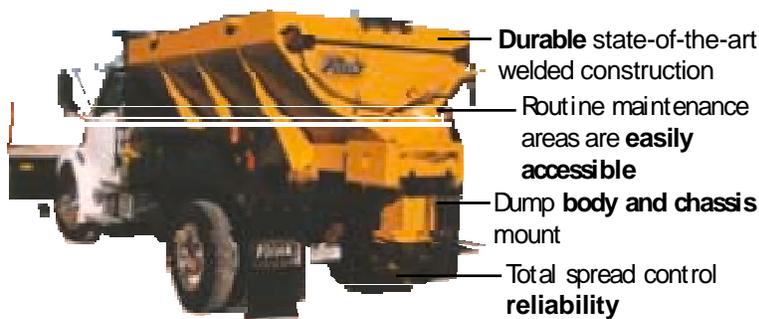


SIDE VIEW



LMC5

Hopper Spreader



- Durable state-of-the-art welded construction
- Routine maintenance areas are **easily accessible**
- Dump body and chassis mount
- Total spread control **reliability**

HOPPER CONSTRUCTION

- 45° Hopper side slope
- #10 gauge steel sides and ends – channel formed at top and continuous welded inside seam
- #10 gauge steel flanged body supports – three minimum per side
- #7 gauge top gusset inside the hopper opposite each side support, extending from top edge down minimum 8" below 45° tapered side
- Material feed gate is adjustable with self-locking screw jack and opening is 10" high x 19" wide
- Lift loops are provided at each corner for easy handling of empty spreader

CONVEYOR

- #7 gauge steel conveyor side rails and floor plate
- Overall width 24" and overall height 10-1/4"
- Sides bolted to conveyor flange
- Chain wiper provided at rear
- 2-1/4" pitch pintle chain (42,000# ultimate) with 3/8" x 1-1/2" half-oval cross bars spaced 4-1/2 on center (every other link)
- Chain shields for drag chain are bolt-on style
- Chain tensioned by spring loaded idler – minimum 3" of adjustment
- Idler roller supported on ball bearings

CONVEYOR DRIVE

- (2)-Char-Lynn drive motors, one each end of conveyor drive, 50:1 high efficiency chain and sprocket reduction, provides higher torques and conveyor speeds
- 8T drive sprockets, stress proof steel shaft carried on ball bearings

SPINNER AND CHUTE

- 3/16" steel 20" diameter spinner disc mounted directly on Char-Lynn hydraulic motor shaft
- Six-steel angle iron vanes bolted to disc
- Three-piece chute constructed of #10 gauge minimum material, bolted for easy replacement
- Two-spring loaded baffles to change spread pattern
- Three-steel adjustable external deflectors
- External deflectors overlap at corners
- Baffles and deflectors adjust, and spinner removal are done without use of tools

OPTIONS

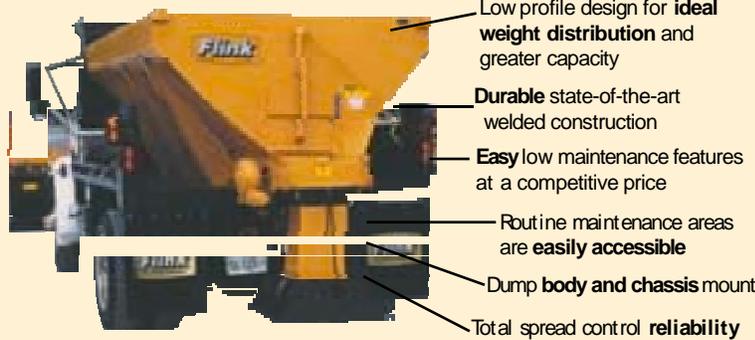
- Sectional hinged screen group • Hinged inverted vee • Light group
- Gravity chain oiler • Urethane spinner disc • Dump body mount group
- Chassis mount group • Tailgate latch • Grease tubes to top or rear
- Adjustable height bumper group • Full-length catwalks • Slope fronts
- Access ladder • Bolt-in floor plate • 409 stainless steel • 304 stainless steel
- Wetting systems – hydraulic or electric • Special sizes • 18HP Kohler engine drive group • Special color

Dimensional Chart

Length	Width	Height	Overall Length	Capacity	Approx. Weight
8'	84"	51"	118"	5.1 Cu. Yd.	1850
9'	84"	51"	130"	5.8 Cu. Yd.	1925
10'	84"	51"	142"	6.4 Cu. Yd.	2000
11'	84"	51"	154"	7.0 Cu. Yd.	2100
12'	84"	51"	166"	7.7 Cu. Yd.	2190
13'	84"	51"	178"	8.3 Cu. Yd.	2280
14'	84"	51"	190"	8.9 Cu. Yd.	2330

LMC5H

Hopper Spreader



- Low profile design for **ideal weight distribution** and greater capacity
- Durable state-of-the-art welded construction
- Easy low maintenance features at a competitive price
- Routine maintenance areas are **easily accessible**
- Dump body and chassis mount
- Total spread control **reliability**

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- 45° Hopper side slope
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- Chain shields for drag chain are bolt-on style
- Chain tensioned by spring loaded idler – minimum 3" of adjustment
- Idler roller supported on ball bearings

CONVEYOR DRIVE

- Char-Lynn hydraulic motor coupled to input shaft drives gearbox
- 50:1 worm gearbox speed reducer
- Worm gear is aluminum/bronze alloy with 90,000# tensile strength
- Worm is ground, hardened steel
- Drive assembly coupled to 1-1/2" stub output shaft: shaft is stress proof steel carried by tapered roller bearings
- 3" O.D. drive tube with (2)-six tooth drive sprockets

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OPTIONS

- Sectional hinged screen group • Hinged inverted vee • Light group • Gravity chain oiler • Urethane spinner disc • Dump body mount group • Chassis mount group
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