

SUPPLIER	ŠKRLJ d.o.o.	MACHINE	LTX/LTI - FROM 2.1BBL TO 120BBL	YEAR	3/2019
CATEGORY	TANKS	TYPE	BRITE BEER TANKS	SERIE	LTX/LTI



LTI

LMI

### High-quality manufacturing process

- SK Group designs and manufactures various types of storage and fermentation vessels which are used under atmospheric pressure. All vessels are manufactured according to the PED Directive (97/23/EC) which ensure a safe and high quality working vessel.
- completely made of stainless steel, only certified materials are used (option: TiN-coated stainless steel)
- automated grinding and polishing of welds and inner surfaces;
- modern welding techniques: TIG welding, laser welded cooling/heating sections (pillow plates) on tank jacket and tank bottom, orbital welded pipes;
- in designing and manufacturing of equipment general rules of the profession and good engineering and manufacturing practice are respected;
- planning, production, control and environmental management are regulated according to the ISO9001 and ISO14001 standards.

### Design

- pressure vessels with cone shaped bottom
- available in two designs: **tanks without insulation (LTX), tanks with insulation (LTI),**
- equipped with laser welded heat exchangers (pillow-plate); separate cooling zones can be individually controlled
- height-adjustable tank legs
- materials and surface finishing depend on intended application and can be adapted to customer's requirements

### Standard tanks:

Material stainless steel EN1.4301 (AISI 304)

Insulation: Polyurethane foam

External surface finishing legs, bottom, tank wall and lid scotch brite (SB)

Internal surface finishing: cone and tank wall mirror finish (BA), cover mechanically brushed

Operating pressure: +14.5 psi / +1.0 barg (option: 0/+2,5 bar)

Operating temperature: 32 to 122 °F / 0 to 50 °C



Temperature controller SPR8



Sample valve DIN11851  
DN20 ~ TC 6/4



Pillow plate surface  
(different options)



Temperature control box  
up to 10 vessels (optionals)



**Components and accessories**

LMI FROM 2.1 TO 8.5 BBL

- oval manway on the tank cover, 440x310 mm, PED,
- safety valves (overpressure and vacuum),
- removable CIP tube with spray ball, butterfly valve (option),
- additional connection on the removable CIP tube: 3/8" with ball valve,
- pressure gauge,
- level indicator,
- racking port,
- sample valve (option: with installation of a T-piece the connection can also be used for wort aeration using the aeration stone),
- welded thermometer well (additional equipment for temperature regulation available as option: temperature regulator, connecting module, regulation valves),
- bottom drain port, butterfly valve (option).



**Components and accessories**

LTI FROM 7 TO 120 BBL

- Inlet connection
- safety valve
- oval manway
- level indicator
- removable CIP tube with spray ball
- pressure gauge,
- digital thermometer,
- bottom drain port
- sample port



\* Dimensions listed in the table are approximate and may vary slightly.

TYPE	NOMINAL VOLUME L (gallon)	TOTAL VOLUME L (gallon)	DIAMETER D1/D2 mm (inch)	TANK WALL mm (inch)	TOTAL HEIGHT H2 mm (inch)	WEIGHT (lbs)	WORKING PRESSURE TANK (barg)	MAX. TEST PRESSURE TANK (barg)
LMI 250L (2.1 BBL)	250 (65)	310 (79)	650 (25.5) / 750 (29.5)	750 (33.5)	1450(57)	242	0_TO_1	1.43
LMI 500L (4.2 BBL)	500 (132)	630 (153)	788 (39) / 890 (35)	1000 (39)	1800(70)	352	0_TO_1	1.43
LMI 1000L (8.5 BBL)	1000 (265)	1280 (338)	1000 (39) / 1100 (43)	1250 (49)	2150(85)	485	0_TO_1	1.43
LTI 820L (7 BBL)	820 (216)	1055 (278)	950 (37) / 1050 (41)	1250 (49)	2100 (82)	593	0_TO_1	1.43
LTI 1175L (10 BBL)	1175 (310)	1376 (363)	1000 (39) / 1100 (43)	1500 (59)	2350 (92)	696	0_TO_1	1.43
LTI 1760L (15 BBL)	1760 (464)	2039 (538)	1200 (47) / 1300 (51)	1500 (59)	2500 (98)	850	0_TO_1	1.43
LTI 2350L (20 BBL)	2350 (620)	2854 (753)	1400 (55) / 1500 (59)	1500 (59)	2500 (98)	1005	0_TO_1	1.43
LTI 3520L (30 BBL)	3520 (929)	4028 (1064)	1500 (59) / 1600 (63)	1900 (75)	3050 (120)	1336	0_TO_1	1.43
LTI 4695L (40 BBL)	4695 (1240)	5237 (1383)	1600 (63) / 1700 (67)	2200 (86)	3350 (131)	1675	0_TO_1	1.43
LTI 5870 (50 BBL)	5870 (1550)	6651 (1757)	1700 (66) / 1800 (71)	2500 (98)	3650 (143)	1920	0_TO_1	1.43
LTI 7040L (60 BBL)	7040 (1859)	7744 (2045)	1900 (74) / 2000 (78)	2250 (89)	3550 (139)	2164	0_TO_1	1.43
LTI 9390L (80 BBL)	9390 (2480)	10389 (2744)	2000 (78) / 2100 (82)	2800 (110)	4100 (161)	2863	0_TO_1	1.43
LTI 10560L (90 BBL)	10560 (2789)	11888 (3140)	2100 (82) / 2200 (78)	2900 (114)	4350 (171)	3168	0_TO_1	1.43
LTI 11735L (100BBL)	11735 (3100)	13144 (3472)	2200 (87) / 2300 (90)	2900 (114)	4400 (173)	3419	0_TO_1	1.43
LTI11735L (100BBL)V2	11735 (3100)	13274 (3506)	2100 (83) / 2200 (87)	3300 (129)	4800 (188)	3410	0_TO_1	1.43
LTI 14080L(120 BBL)	14080 (3720)	15805 (4164)	2200 (87) / 2300 (90)	3600 (141)	5100 (200)	3882	0_TO_1	1.43
LTI 14080L(120 BBL)V2	14080 (3720)	15698 (4164)	2100 (83) / 2200 (87)	4000 (157)	5500 (216)	3924	0_TO_1	1.43

DISCLAIMER: The information contained in this flyer is for general information purposes only. The information is provided by Prospero Equipment Corporation, and while we endeavor to keep the information up to date and correct, we make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability or availability with respect to the website or the information, products, services, or related graphics contained on the flyer for any purpose. All rights not expressly granted are reserved. All copyrights, trademarks, and registered trademarks are the property of their respective owners. All images, text, custom graphics are the property of Prospero Equipment Corp. or their respective owners. The exclusive property are protected by U.S. and international copyright laws. Any other use of such contents, including the reproduction, modification, distribution, transmission, display or performance of the contents of this flyer without the prior written consent of Prospero Equipment Corp. is expressly forbidden.

<p><b>Corporate Office</b> 123 Castleon Street Pleasantville, NY 10570 Phone: (914) 769-6252 Fax: (914) 769-6786 info@prosperocorp.biz</p>	<p><b>West Coast</b> 7787 Bell Road Windsor, CA 95492 Phone:(707) 838-2812 Fax: (707) 838-3164 westcoast@prosperocorp.biz</p>	<p><b>Northwest</b> 1722 SW HWY 18 Suite B McMinnville, Oregon. 97128 Phone: (503) 472-6767 Fax: (503) 472-6768 northwest@prosperocorp.biz</p>	<p><b>North</b> 2204 State Route 14 N Geneva, NY 14456-9510 Phone: (315) 719-0480 Fax: (315) 719-0481 geneva@prosperocorp.biz</p>	<p><b>Canada</b> 8100 Trans Canada Hwy Unit I Montreal, Quebec, H4S 1M5 Phone: (514) 336-7117 Fax: (514) 418-2605 canada@prosperocorp.biz</p>	<p><b>British Columbia Authorized Agent</b> Stefan Buhl Phone: (250) 317-4378 bc@prosperocorp.biz</p>
--	---	--	---	---	---