

CARL HOLMBERGS MEK. VERKSTADS

DAIRY
MACHINERY
&
APPLIANCES.

Ur KB:s samlingar

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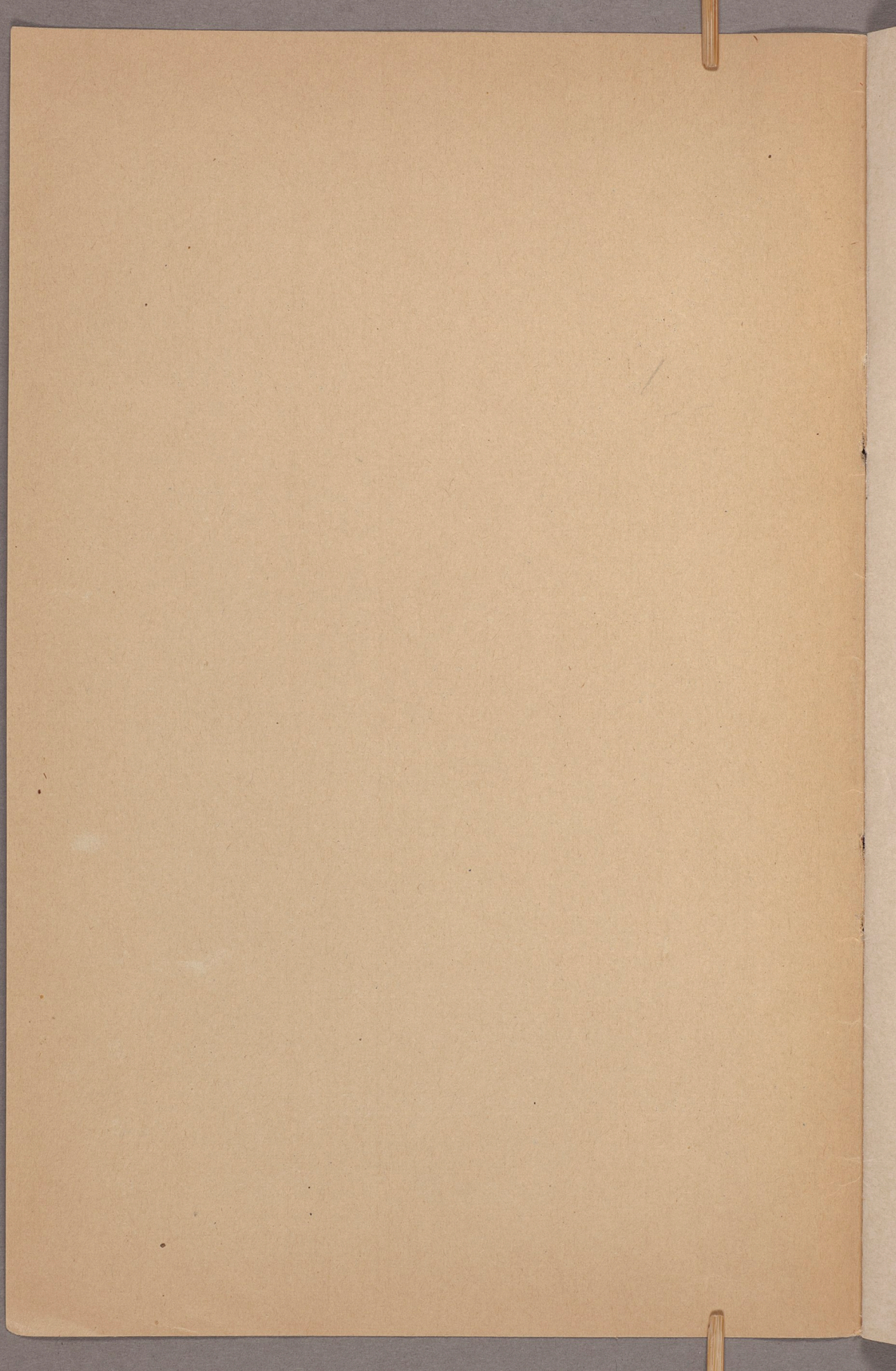
IN MALMÖ 1896
FOR
WORKING BUTTER FACTORY.

ND (SWEDEN)

CARL HOLMBERGS MEK. VERKSTADS A.-B., LUND (SWEDEN).

DAIRY
MACHINERY
&
APPLIANCES.

AWARDED
125 FIRST PRICES.
GOLD MEDAL, HIGHEST AWARD
IN MALMÖ 1896
FOR
WORKING BUTTER FACTORY.



TELEGRAPHIC ADDRESS:
HOLMBERGS, LUND.

TELEPHONE
N:O 132.

CARL HOLMBERGS MEK. VERKSTADS A.-B.
LUND
(SWEDEN).

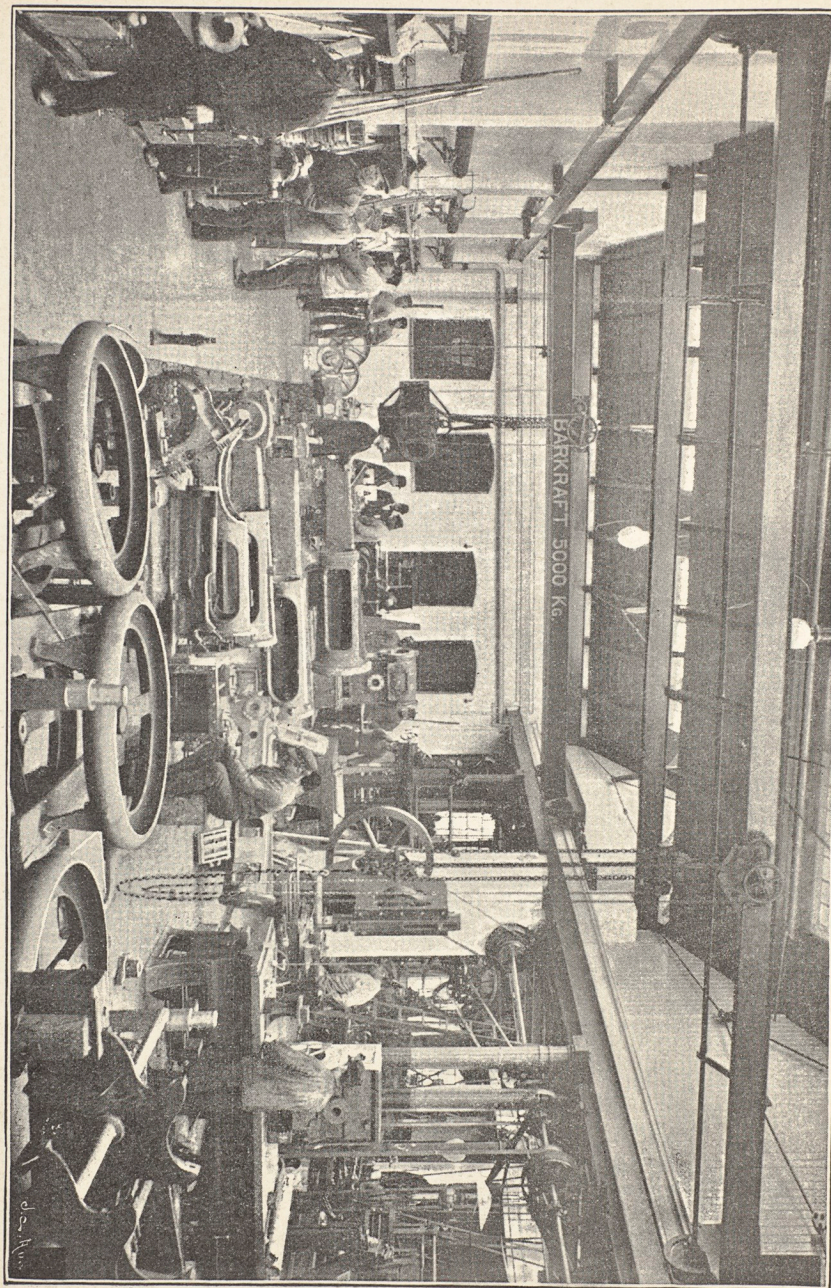
MANUFACTURES
EVERY KIND OF DAIRY MACHINERY

1,500
CREAMERIES, BUTTER FACTORIES, PRIVATE DAIRIES ETC.
DESIGNED AND FITTED,

300
COOPERATIVE BUTTER FACTORIES.

ASK FOR CATALOGUE.





Primus Scalders.

A vertical combined scalding and raiser for new milk, separated milk and cream. These scalders possess many advantages over the old types. *Require very little power. Do not burn the milk. Easily cleaned.* The shaft and pulleys for stirrer are turnable to any side, making it very easy to clean the machine. The apparatus is made of one inner copper tub with stirrer all well tinned and constructed so that when the apparatus is working only a thin layer of the milk is heated, thus giving the fluid a constant temperature. The copper tub is connected to a strong cover of 1:1 Swedish Martin steel plate, isolated with felt and outside covered with galvanized steel-plate. The apparatus is delivered in nine sizes, with safety and vacuum-valves, outlet for condensed water, connection screws, receiver and milk tap. —

**No Creamery or Dairy
Factory should be without them.**

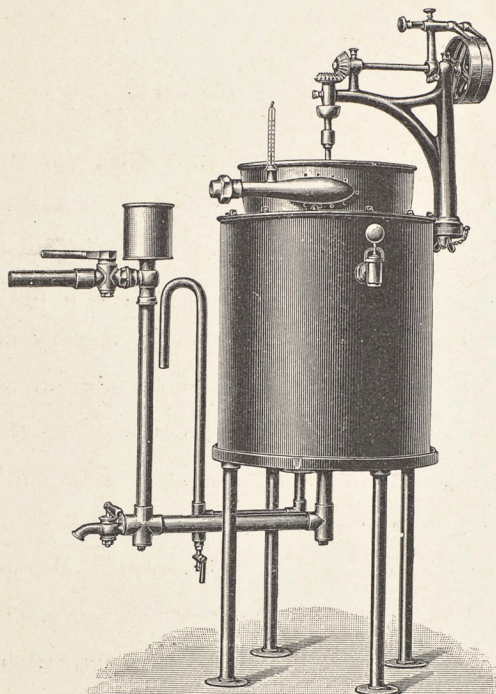
Lund.

Carl Holmbergs Mek. Verkstads A.-B.

The Primus Heater.

Raises the milk to a suitable height for the Separator, when the bottom of the milk-vat only is 20 inches over the floor.

No stair-case required.



No Can elevator required.

Made to raise or not to raise

Prices.

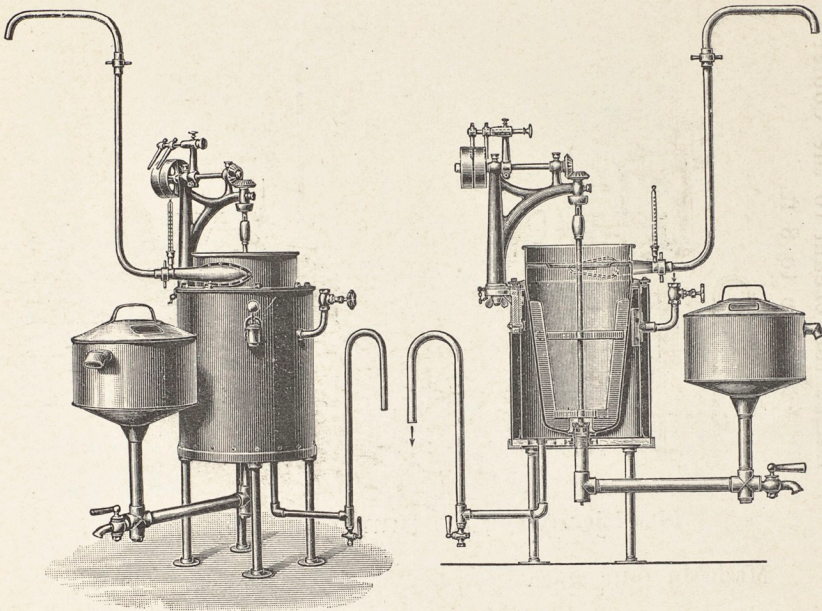
N:o	Heating pr hour galls to 100° Fahr.	Not raising.	Raising.
1	270	£ 15. 5. —	£ 16. 15. —
2	550	» 18. 5. —	» 20. — —
3	800	» 20. — —	» 23. — —
4	1200	» 23. 10. —	» 26. 10. —
5	1600	» 27. 15. —	» 32. 5. —

Polishing extra 5 % and Stand extra 5 %.

Lund.

Carl Holmbergs Mek. Verkstads A.-B.

Primus Scaldar
for
New Milk and Separated Milk.



A perfect success for Scalding New Milk or Separated Milk.

Made in nine sizes — to raise or not to raise.

Prices.

N:o	Heating pr hour galls to 190° Fahr.	Not raising	Raising
1	120	£ 15. 5. —	£ 16. 15. —
2	240	» 18. 5. —	» 20. —. —
3	350	» 20. —. —	» 23. —. —
4	470	» 23. 10. —	» 26. —. —
5	600	» 27. 15. —	» 32. —. —
6	700	» 33. 5. —	» 36. —. —
7	800	» 36. —. —	» 40. 5. —
8	900	» 43. —. —	» 47. 5. —
9	1000	» 50. —. —	» 53. —. —

Polishing extra 5 % and Stand extra 5 %.

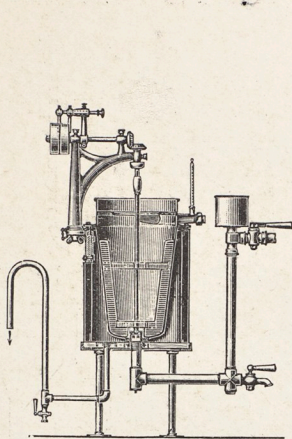
Lund.

Carl Holmbergs Mek. Verkstads A.-B.

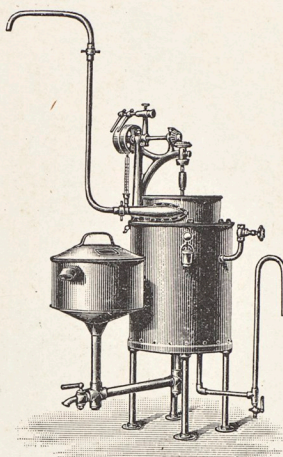
Creampa teuriser Primus.

The very best Apparatus for heating Cream.

Raises the Cream to the Cooler
up to 8 ft.



No boiling taste. Does not adhere
to the sides.



No Elevator, no pumps required.

Made in four sizes.

Prices.

N:o	Heating pr hour galls to 190° Fahr.	Not raising	Raising
1	120	£ 15. 5. —	£ 16. 15. —
2	240	» 18. 5. —	» 20. —. —
3	350	» 20. —. —	» 23. —. —
4	470	» 23. 10. —	» 26. —. —

These scalders are of a decided advantage for Creameries and Factories. The raising pipe is made of copper with Brass connection screws. Easily taken loose for cleaning.

Polishing extra 5 %, Stands extra 5 % more.

Lund.

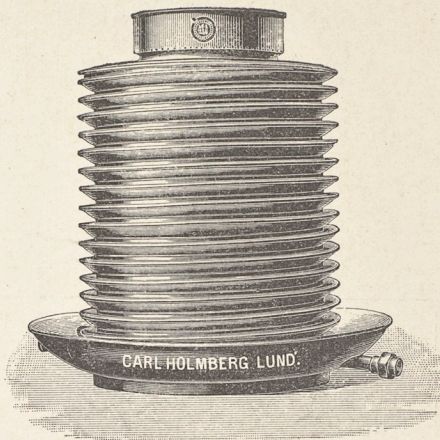
Cylindrical Refrigerators
for
Cooling Milk and Cream.

The cylindrical refrigerator is far superior to all other existing coolers.

Possesses largest possible cooling surface.

Easily cleaned as all corners are avoided.

The most efficient most perfect cooler.



Made of best tinned Copper.

Able to cool the milk within 1 deg. above the temperature of the water used.

Extremely strong and durable construction.

Prices of Coolers for Newmilk.

N:o	Height of Cylinder in inches	Diameter of Cylinder in inches	Cooling power pr. hour from 95° Fahr. to 1° above temp. of water	Prices
0	14	10	40 gallons	£ 3.15. —
1	16	13	65 »	» 4.15. —
2	19	16	110 »	» 6.13. —
3	22	20	180 »	» 8.18. —
4	24	24	270 »	» 11. 3. —
5	28	30	400 »	» 15.10. —

Carl Holmbergs Mek. Verkstads A.-B.

Covers for Coolers

protecting the coolers and the milk from dust, bad air etc.

Made of best tinned steel sheet.

Are made for all sizes.

Price on application.

Prices of Coolers for Pasteurized Milk.

N:o	Height of Cylinder in inches	Diameter of Cylinder in inches	Cooling power pr hour from 190° Fahr. to 1° above temp. of water	Prices
6	28	20	180 gallons	£ 9. 15. —
7	28	24	245 »	» 13. —. —
8	34	30	380 »	» 18. —. —
9	34	37	500 »	» 23. 10. —
10	37	43	620 »	» 30. 10. —
11	63	37	800 »	» 42. —. —
12	71	43	1000 »	» 50. —. —

When choosing a refrigerator take always one amply large enough.

N:o 11 and 12 are made with 2 water inlets and 2 outlets.

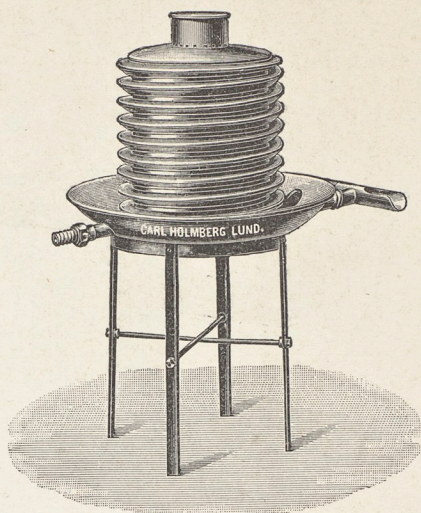
Lund.

Carl Holmbergs Mek. Verkstads A.-B.

Circular Cream Cooler.

These coolers are similar to those for Milk constructed to be placed direct under the cream pipe of the separator.

Cream Coolers are made in 6 sizes.



Prices.

N:o	Height of Cylinder in inches	Diameter of Cylinder in inches	Cooling power pr hour to 1° above temp. of water		Prices
			fr. 110° Fahr.	fr. 200° Fahr.	
0	11	10	25	14	£ 2. 16. --
1	12	13	50	27	» 3. 14. --
2	12	16	75	50	» 4. 15. --
3	14	20	125	75	» 6. 15. --
4	14	24	200	150	» 9. --. --
5	17	30	300	200	» 11. --. --

Stands of iron for Cream Coolers from 5 to 10 s.

» » » Milk » » 10 to 25

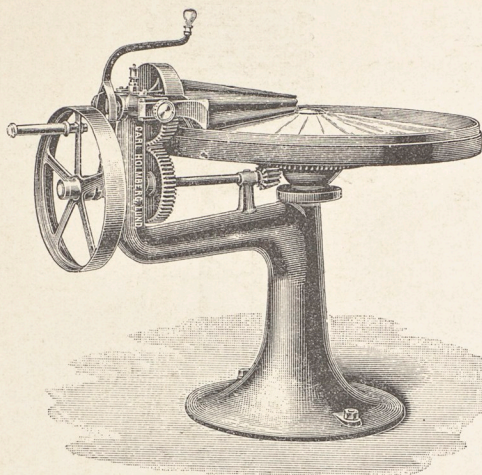
Larger sizes made.

Quotations on application.

Lund.

Carl Holmbergs Mek. Verkstads A.-B.

Butter Workers for Factories. The butterworker "STABIL". with strong iron frame.

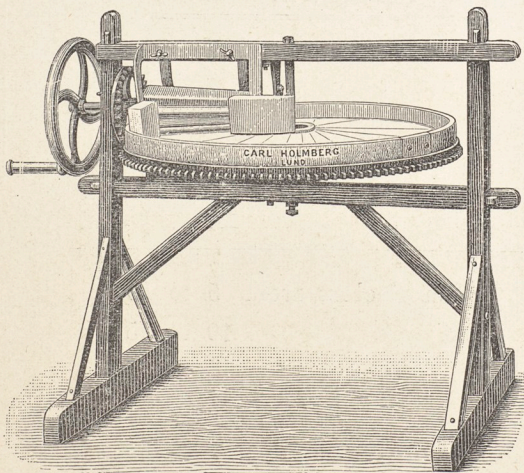


During the time this butterworker has been in the market it has quite distanced all machines of other constructions. Has received the highest recommendations. The frame is made exclusively of iron with friction rollers fitted under the table, relieving it of all strain. Admirably adapted for use in factory. Takes up very little floor space. Only the roller above the table leaving the whole surface clear for manipulating the butter.

Revolutions of table, 50 pr minute.

Made in four sizes.

N:o 1	Table diameter	36 inches		Prices £	8. 10. —
» 2	»	42		»	11. —. —
» 3	»	48		»	14. —. —
» 4	»	60		»	22. —. —



With wooden frame.

Tight and loose pulleys
extra £ 0. 17. —

Made in three sizes.

N:o 1 Table diameter
30 in. . . Price £ 4. 5. —

N:o 2 Table diameter
36 in. . . Price £ 5. —. —

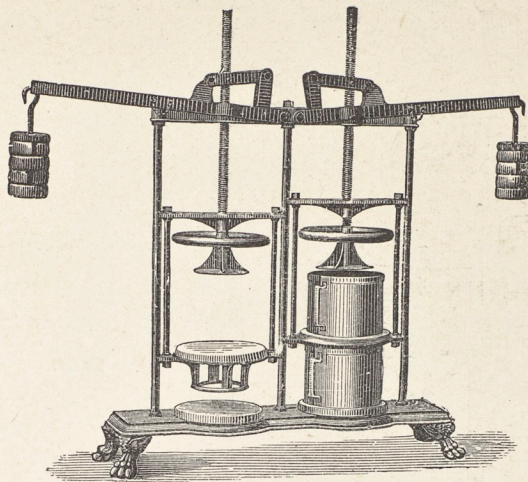
N:o 3 Table diameter
42 in. . . Price £ 7. —. —

All wood used carefully selected from finest Material.

Lund.

Carl Holmbergs Mek. Verkstads A.-B.

Cheese Presses. Single and double.

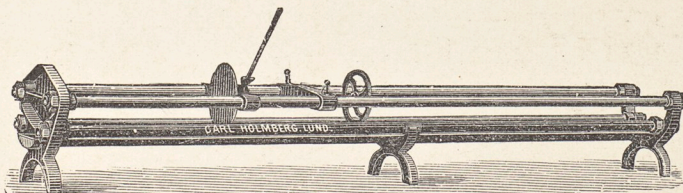


These presses are well made and durably fitted with best welded tube pillars. Compound levers for regulating pressure. Top and bottom of cast iron, strong and neatly made. Width between standards 22 inches.

Prices including weights

Single Press \$ 4. —. — Double Press £ 7. —. —

American Type.



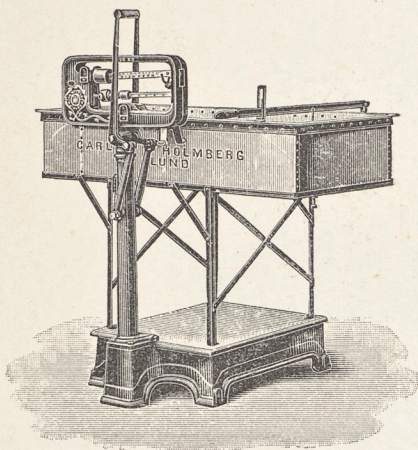
Prices.

N:o 1	Length	120 inch.		£	8. —. —
» 2	»	140	»		» 8. 10. —
» 3	»	160	»		» 9. —. —

Lund.

Carl Holmbergs Mek. Verkstads A.-B.

Milk weighing Machine
for
Factories and Creameries.



A tank of doubly tinned steel into which the deliveries are emptied is placed on the machine.

The tank is made shallow, fitted on wrought iron support and at one end of the bottom is a outlet for quick emptying. The tinned metal cover for the outlet is lifted by a bar.

The beam can be graduated in any standard.

Size of Platform

30 × 22 inch.

Capacity of tank

55 Gallons.

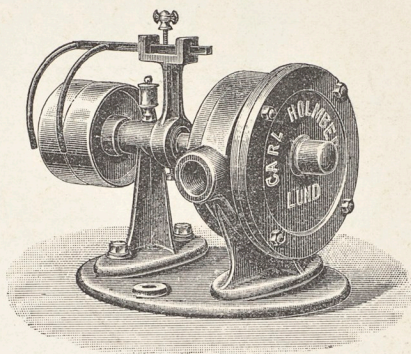
Price

incl. tank and support £ 14. —. —

Lund.

Centrifugal Milk Pump.

The best rotary Pump ever made
for
Milk, Water, Whey and other Liquids.



Thousands in use in the leading Dairies and Factories in Europe. — Great lifting power. — Long wear. — Easily Cleaned.

N:o	Gall pr Hour	Bore of pipes	Revolutions pr minute	Prices
0	250	$\frac{1}{2}$ inch.	400	£ 2. —. —
1	500	1 »	300	» 3. 10. —
2	800	$1 \frac{1}{4}$ »	250	» 5. —. —
3	1500	$1 \frac{1}{4}$ »	200	» 7. —. —

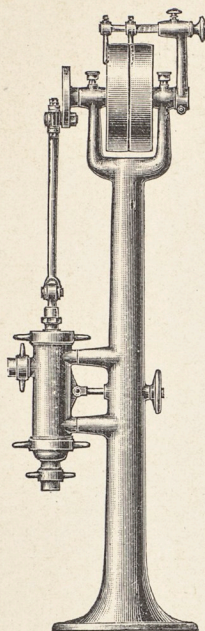
These pumps work on the rotary principle. Are perfectly sure in action. Have few wearing parts. Fitted with loose and tight pulleys.

Lund.

Vertical Lift & Force Pump

for

Dairy Factories.



For newmilk, separated milk,
cream, buttermilk
and whey.

Best pumps for dairy use.

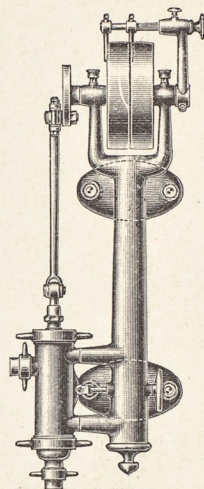
Very easily cleaned.

No repairs.

All working parts of brass,
metallic fitted through out.

These pumps are made with stand for floor or wall fixing, tight and loose pulleys. All the different parts in a few minutes taken loose for cleaning. As the stroke is adjustable these pumps can give different quantities without changing the pulleys, this prevents foaming in the separated milk vat. By long experience we have come to the conclusion that a force pump, although more expensive, is the best and most economical for dairy use.

The pumps are made in three sizes.

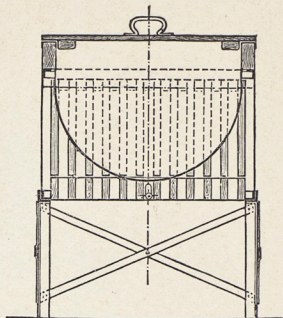
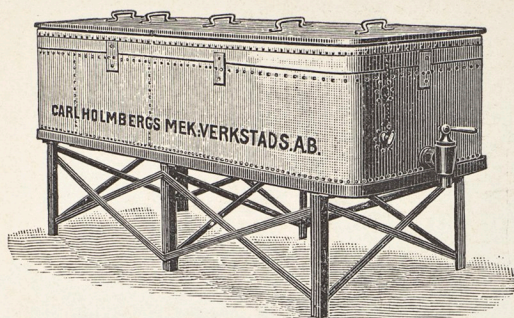


N:o	Capacity galls pr hour	Bore of pipe	Size of pulleys	Price
1	550	1 $\frac{1}{4}$	12 $\times$ 2 $\frac{1}{2}$ inch.	£ 8. 10. —
2	800	1 $\frac{1}{2}$	»	» 9. 15. —
3	1100	1 $\frac{1}{2}$	»	» 12. 10. —

Lund.

Carl Holmbergs Mek. Verkstads A.-B.

Cream Vats.



The very best vats made as regards design, materials used and workmanship. Extra strong.

When the cream is allowed to ripe slowly it produces better butter and improves greatly the keeping qualities.

The vat consist of one inner and one outer vat. Frame of cream vat is sunk into iron frame of water vat. It has an inner space for hot or cold water with inlet and outlet. The inner vat is made of doubly tinned sheet-steel or tinned copper. The outer vat is made of best swedish steelplate $\frac{1}{4}$ " inch. thick.

Fitted with lid, cocks, valves and steampipes. In one end of the vat is a space for ice. The vats are made in six sizes.

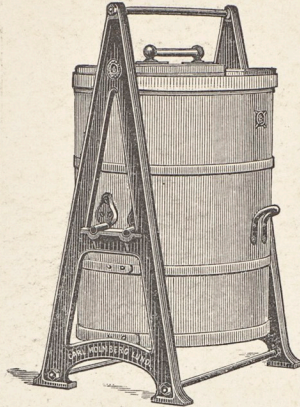
Prices.

N:o	Capacity in galls	Inner vat of	
		copper	Steel plate
1	110	£ 16. 15. —	£ 14. —. —
2	170	» 19. 10. —	» 16. 15. —
3	225	» 22. 5. —	» 19. 10. —
4	270	» 26. 10. —	» 22. 5. —
5	335	» 33. 10. —	» 27. 15. —
6	450	» 39. —. —	» 33. 10. —

Stands of iron extra.

Lund.

Ripening Tubs.



Made of well seasoned wood. Lined with double tinned steel sheets or tinned copper.

Fitted with tinned-steel lined lids, handles and cast-iron stands.

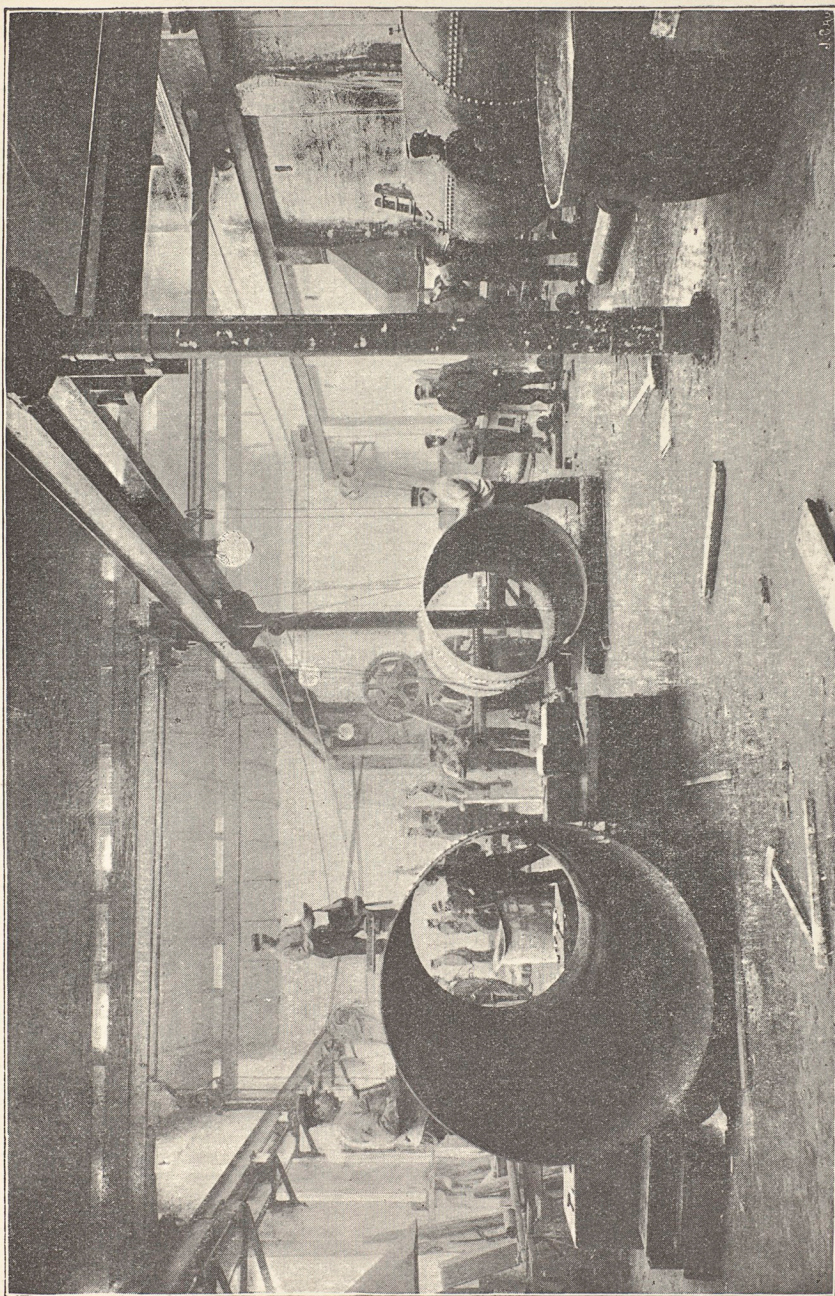
Used in all Scandinavian Factories.

Prices.

N:o	Capacity in galls	Lined with	
		copper	tinned steel
1	35	£ 4. —. —	£ 3. 10. —
2	45	» 5. —. —	» 4. 5. —
3	55	» 5. 10. —	» 5. —. —
4	75	» 8. 10. —	« 7. —. —

Fitted with milk tap extra 15 sh.

Lund.



LUND 1899

BERLINGSKA BOKTRYCKERI- OCH STILGJUTERI-AKTIEBOLAGET

