



# Telescopic mast

19285

User's manual

Original instructions



It is important for you to read these instructions before you begin using your lift trolley.  
Any questions? – Get in touch with your local dealer and/ or the manufacturer.

## **PRONOMIC AB**

Street address:	Postal address:
Domherrevägen 15	Box 5504
192 55 Sollentuna	192 05 Sollentuna

Tel: +46 (0)8-544 706 60

Fax: +46 (0)8-544 706 70

E-post: [info@pronomic.se](mailto:info@pronomic.se)

[www.pronomic.se](http://www.pronomic.se)

# Contents

1	Description of the attachment Telescopic mast .....	1
1.1	Warranty.....	1
2	Assembly.....	2
2.1	Disassembly and scrapping .....	2
3	Use.....	2
4	Safety.....	3
4.1	Storage and transport .....	3
4.2	Moving.....	3
4.3	Loading and unloading .....	3
5	Maintenance .....	3
5.1	Every day .....	3
5.2	Every month, or when needed.....	4
5.2.1	Cleaning.....	4
5.2.2	Electrical connections.....	4
5.2.3	Wear and tear of machine parts .....	4
5.2.4	Nuts and bolts.....	4
5.2.5	Lift column.....	4
5.2.6	Signs and decals.....	4
6	Technical data .....	5
7	Approved attachments for Lift&Drive lift trolleys .....	6
8	Circuit and pneumatic diagram .....	7
8.1	Circuit diagram for 19285.....	7
	Declaration of incorporation of partly completed machine .....	8

# **1 Description of the attachment Telescopic mast**

The telescopic mast is ergonomically designed to be attached to the Lift&Drive lift trolley and supplemented with a tooling on the slide for enabling lifts.

This attachment is available in two different models:

19285- Telescopic mast for the Lift&Drive 225P lift trolley, max. load 160kg

The attachments are exclusively meant to be used on the lift trolleys from Pronomic AB.

They are solely meant for indoor use in well-lit environments and on level surfaces.

Complementary technical data can be ordered from Pronomic AB.

## ***1.1 Warranty***

The warranty applies for one (1) year from the date of delivery for material- and manufacturing errors. For the warranty to apply, maintenance should be carried out according to instructions.

This warranty does not cover normal maintenance, settings or regular adjustments. Neither will labor costs from such measures be covered by the warranty. Damages caused by abuse or improper use of the equipment will also void the warranty.

## 2 Assembly

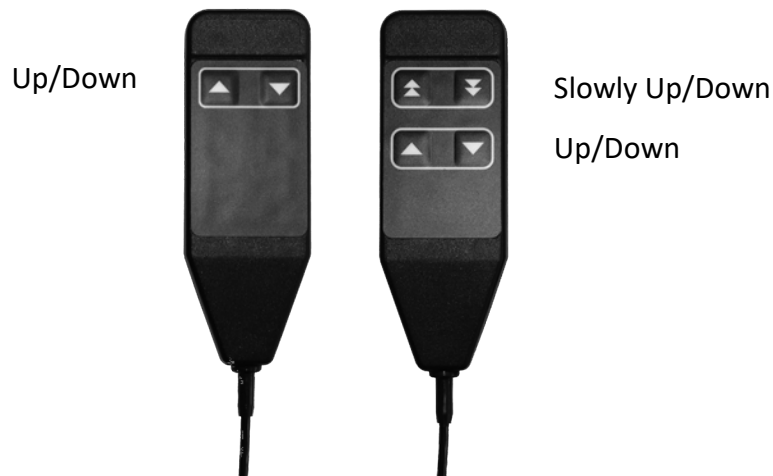
When mounting the attachment, protective shoes should be worn, as the parts can cause injury if dropped.

### 2.1 Disassembly and scrapping

During scrapping, the attachment along with the control unit should be sent to a recycling center or to Pronomic AB to guarantee recycling and safe handling of all the consisting parts of the tool.

## 3 Use

The telescopic mast is to be used on a lift trolley combined with a lifting tool for vertical lifts.



## **4 Safety**

The operator should use personal safety equipment (e.g. protective shoes) that handling the specific goods requires.

Stated maximum load must not be exceeded.

Be aware of the risk of crushing present between the attachment and the trolleys legs or the floor when raising or lowering the load. Avoid putting hands or other parts of your body under the load at all times.

### ***4.1 Storage and transport***

During storage and transport the remote control, motor cable and the electric cable to the control box must be unplugged.

If the attachment is attached to a trolley when transported, the trolley should be secured to minimize the tipping risk.

### ***4.2 Moving***

The attachment should always be lowered to the lowest possible position before moving the trolley to have the safest and most stable handling possible. Be cautious when passing thresholds, cables and other objects on the floor.

During transportation of heavy load it may be facilitated by the use of the directional lock available on the Lift&Drive lift trolley.

### ***4.3 Loading and unloading***

The operator is responsible for the correct use of the attachment.

Do not place any hands or feet under the load when lowering.

## **5 Maintenance**

In order for the lift trolley to function properly it is important that maintenance is carried out in accordance with what is described below. The stated service intervals are applicable during normal use and charging once a day. Further use requires more frequent service intervals.

Only spare parts supplied or approved by Pronomic may be used.

After disassembly/assembly of the column or load carrier a load test should be performed, see section *Assembly*.

### ***5.1 Every day***

Wipe off the attachment when soiled. Do not use water or high pressure cleaners.

## 5.2 Every month, or when needed

### 5.2.1 Cleaning

Clean the lift trolley using detergent suitable for painted surfaces, aluminium and stainless steel. Follow the instructions on the detergent. Wipe the lift trolley dry after cleaning. Do not use hose or high-pressure jet as this may damage the electronics and the paint.

### 5.2.2 Electrical connections

Check all connections and repair any damage or wear. If needed, replace with new parts.

### 5.2.3 Wear and tear of machine parts

Check the parts of the machine in order to identify any cracking or wear.

### 5.2.4 Nuts and bolts

Make sure all nuts and bolts are tightened.

### 5.2.5 Lift column

Lift the column from the cross-member.

Clean the brush stripes and wipe the column clean.

Remove the four corner screws at the top of the column. (Not the three in the middle)

Pull out, wipe and lubricate the lift screw with new ball bearing grease.

Put the lift screw back and tighten the screws.

Check the coupling, by making sure the sleeve and the hub located inside the column and inside the cross-member are intact and in working order.

Put the lift column back and perform load test, see section *Assembly*.

### 5.2.6 Signs and decals

Check that the following signs and decals are firmly placed and fully readable.

Sign/decals	Description	Placement
<b>Unit designation</b>	Decal with serial number	One decal on the control box and one decal on the attachment
<b>Instruction decal</b>	Decal instructing the operator	Front of the control box
<b>Max. load decal</b>	Max. load of the attachment	Back of the attachment

## 6 Technical data

<b>Type</b>	19285
<b>Max. load</b>	160 kg

For additional technical data see the manual for your Lift&Drive lift trolley.

<b>Nominal battery voltage</b>	24 V DC
<b>Noise level</b>	Noise level not exceeding 70 dB(A)
<b>Vibrations</b>	Vibrations level not exceeding 2,5 m/s <sup>2</sup>



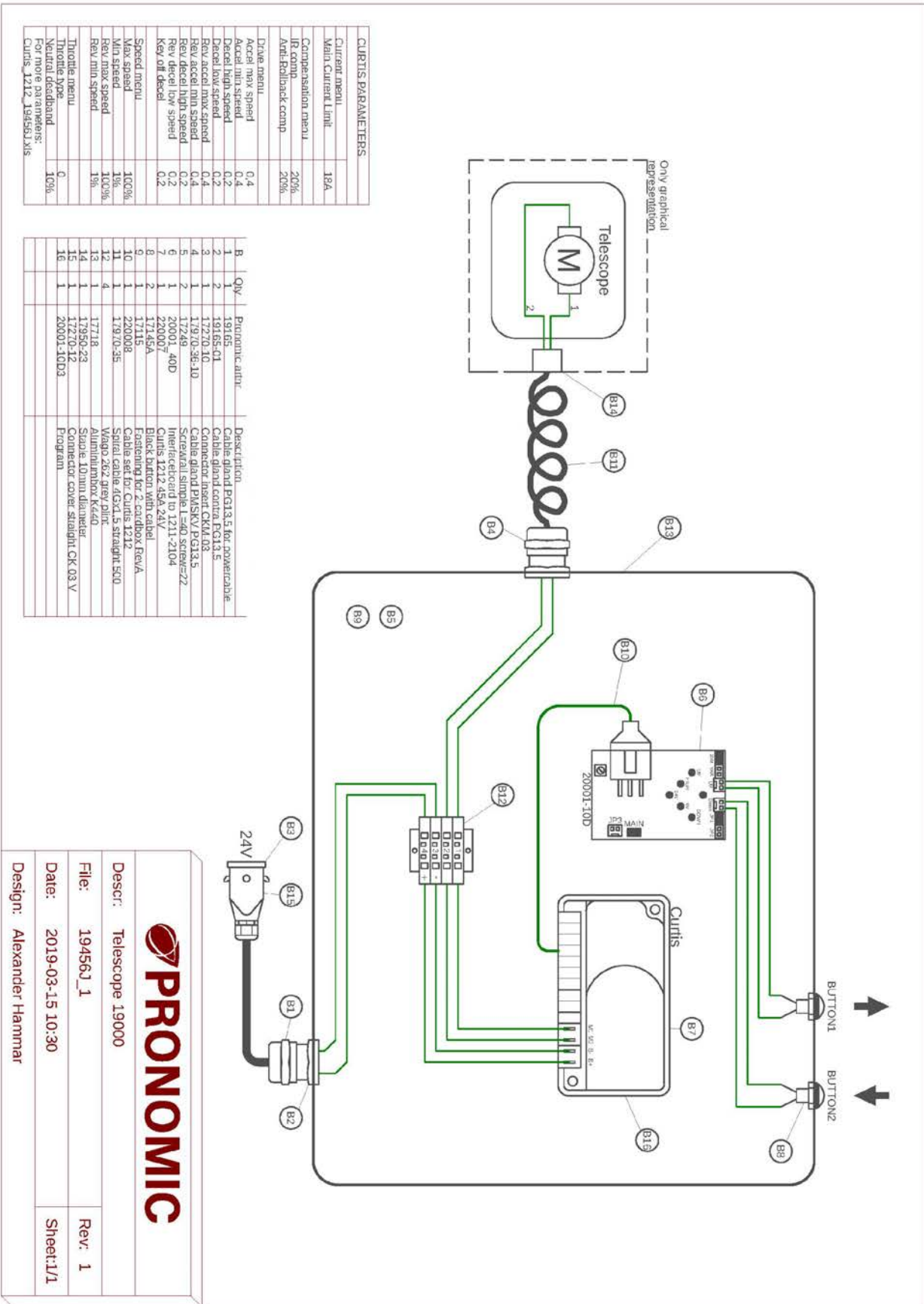
## 7 Approved attachments for Lift&Drive lift trolleys

19285- Telescopic mast, 160kg

	70E	70IE	90E	90IE	90IE	90P	130P	175P	225P
15012	x	x	x	x	x	x	x		
15013	x	x	x	x	x	x	x	x	x
15014	x	x	x	x	x	x	x	x	x
15015	x	x	x	x	x	x	x	x	x
15016	x	x	x	x	x	x	x	x	x
15017	x	x	x	x	x	x	x	x	x
15018		x		x	x				
15019	x	x	x	x	x	x	x		
15024	x		x						
15080	x		x						
15322		x		x	x				
15324		x		x	x				
15338		x		x	x				
15339		x		x	x				
16020		x		x	x				
16038		x		x	x				
16338		x		x	x				
17182A						x	x		
17229	x	x	x	x	x	x	x		
17230	x	x	x	x	x	x	x		
17230A	x	x	x	x	x	x	x		
17233	x	x	x	x	x	x	x		
17241	x	x	x	x	x	x	x		
17710	x	x	x	x	x	x	x		
17720	x	x	x	x	x	x	x		
17730	x	x	x	x	x	x	x		
17740	x	x	x	x	x	x	x		
17940				x		x	x		
17950						x	x		
17971						x	x		
17972						x	x		
19174								x	x
19201								x	x
19271								x	
19285								x	x
19470		x		x	x	x	x		
19471		x		x	x	x	x		
19472						x	x	x	x
19473		x		x	x	x	x		
19474						x	x	x	x
19475								x	x
19476						x	x	x	x
19477								x	x
19478						x	x	x	x
19480								x	x
19510								x	x
19980								x	x
20022		x		x	x	x	x		
20205A-10		x		x	x	x	x		
20080A	x	x	x	x	x	x	x		

# 8 Circuit and pneumatic diagram

## 8.1 Circuit diagram for 19285



**Declaration of incorporation of partly completed machine**  
**ORIGINAL**  
**(in accordance with 2006/42/EC, Annex II 1B)**

Manufacturer	PRONOMIC AB Box 5504 192 05 Sollentuna
Model designation	Telescopic mast <input type="checkbox"/> 19271 (175P) <input type="checkbox"/> 19285 (225P)
Serial number	

Authorized to compile the technical file	Samuel Pierre, Pronomic AB, BOX 5504, 192 05 Sollentuna
--	---

Applied EC directives:

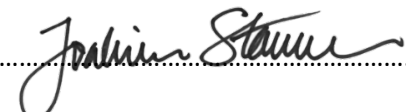
2006/42/EC	Machinery Directive
2014/30/EU	EMC Directive

Applied standards:

SS-EN ISO 12100: 2010	Safety of machinery - General principles for design – Risk assessment and risk reduction (ISO 12100:2010)
SS-EN 349+A1: 2008	Safety of machinery - Minimum gaps to avoid crushing of parts of the human body

We hereby declare that the above-referenced machine, built and equipped with attachments included in this manual, is in conformity with the applicable conditions stated in the directives and standards.

Sollentuna, 2019-04-12

  
.....

Joakim Stannow, PRONOMIC AB

**Distributed by:**