Kabellægningsudstyr II



PVC-pipe cutting-of and chamfering device
For pipe-dia. 32-110 mm with deburring tool and transport box.
The device can be adjusted to the pipe diameter by means of different clamping jaw inserts.
Weight: 4 kg
Basic equipment: Clamping jaw inserts 110 mm.

Order No. 009.664.00



Spare parts	**Order No.**
Hard metal cutting plate (without illustration	**009.664.01**
Spare knife for deburring tool (without illustration)	**009.664.02**

Clamping jaws (without illustration)

Tube-Ø	**Order No.**
50 mm	**009.664.30**
100 mm	**009.664.90**

Different sizes (32, 40, 56, 63, 75, 80, 90 mm) upon request.



Rope protection roller
galvanized

Duct dia.	Weight	**Order No.**
50 mm	1.5 kg	**009.512.00**
80 mm	3.0 kg	**009.513.00**
100 mm	4.0 kg	**009.514.00**
120 mm	5.0 kg	**009.515.00**
150 mm	7.0 kg	**009.516.00**

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Kabellægningsudstyr II

Tube assembly tongs
galvanized



Tube-Ø	Weight	**Order-No.**
50 mm	1.5 kg	**009.411.00**
100 mm	2.0 kg	**009.411.10**
150 mm	2.8 kg	**009.411.20**

Manhole-cover lifting tongs with triangular handle



Weight	**Order-No.**
1.3 kg	**009.539.00**

Manhole-cover lifting tong
galvanized



Weight	**Order-No.**
5.5 kg	**009.536.00**

Manhole-cover lifting tongs with triangular support



Weight	**Order-No.**
11.0 kg	**009.537.00**

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Kabellægningsudstyr II



Universal manhole-cover lifter, galvanized
Ensures quick and easy lifting of triangular, square or round manhole covers. Depending on the type of cover, the lifting grips are hooked into the appropriate holes in the cover, the jack is turned down until the load is relieved from the wheels and the grips hold the cover securely. The jack is then turned up, which will loosen the cover and lift it until the wheels touch the ground and the jack is free. Now the cover may be pushed away.
The universal lifter has to be used pairwise!



Technical Data: (in transport position)

Length:	500 mm
Width:	500 mm
Height:	700 mm
Weight:	17 kg
Lifting height:	200 mm
Order-No.	**009.538.00**



Folding guards
consisting of 4 elements

Area covered Length x Width x Height	Weight	**Order No.**
1000 x 1000 x 800 mm	25 kg	**009.659.00**

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Kabellægningsudstyr II

Duct brush with plastic bristles

Duct-Ø	Weight	**Order-No.**
97 mm	1.2 kg	**009.650.00**
117 mm	1.4 kg	**009.650.10**
146 mm	2.0 kg	**009.650.20**



Pipe file

Duct-Ø	Weight	**Order-No.**
95 mm	7.4 kg	**009.654.00**



Glass fibre rod with a strand of copper

Length	Rod-Ø	Cage-Ø		Weight	**Order-No.**
50 m	9 mm	600 mm	*1*	12 kg	**009.468.50**
100 m	9 mm	1000 mm	*2*	28 kg	**009.468.60**
100 m	11 mm	1000 mm	*2*	35 kg	**009.468.70**
150 m	11 mm	1000 mm	*2*	43 kg	**009.468.80**
200 m	11 mm	1000 mm	*2*	50 kg	**009.468.90**

*1 = standing cage
*2 = wheel moveable cage



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Kabellægningsudstyr II





Glass fibre rod spooled in a galvanized wheel movable cage, completed by starting / ending junctions, spinner and shackle

Length	Rod-Ø	Cage-Ø	Weight	Order-No.
60 m	9 mm	800 mm	18 kg	**009.446.00**
80 m	9 mm	800 mm	20 kg	**009.447.00**
100 m	9 mm	1000 mm	28 kg	**009.448.00**
120 m	9 mm	1000 mm	30 kg	**009.449.00**
120 m	11 mm	1000 mm	37 kg	**009.450.00**
150 m	11 mm	1000 mm	43 kg	**009.451.00**
200 m	11 mm	1000 mm	50 kg	**009.452.00**
250 m	11 mm	1000 mm	58 kg	**009.453.00**
300 m	11 mm	1000 mm	65 kg	**009.454.00**
300 m	15 mm	1500 mm	119 kg	**009.457.50**
400 m	15 mm	1500 mm	147 kg	**009.457.60**



Glass fibre rod spooled in a galvanized cage, standing design, completed by starting / ending junctions and spinner, 9 mm with shackle

Length	Rod-Ø	Cage-Ø	Weight	Order-No.
30 m	9 mm	600 mm	10 kg	**009.445.00**
40 m	9 mm	600 mm	11 kg	**009.445.10**
50 m	9 mm	600 mm	12 kg	**009.445.20**
60 m	9 mm	600 mm	13 kg	**009.445.30**
70 m	9 mm	600 mm	14 kg	**009.445.40**
80 m	9 mm	600 mm	15 kg	**009.445.50**
30 m	6 mm	600 mm	6.8 kg	**009.444.50**
40 m	6 mm	600 mm	7.2 kg	**009.444.55**
50 m	6 mm	600 mm	7.8 kg	**009.444.60**
60 m	6 mm	600 mm	8.3 kg	**009.444.65**
70 m	6 mm	600 mm	8.9 kg	**009.444.70**
80 m	6 mm	600 mm	9.4 kg	**009.444.75**

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Kabellægningsudstyr II

Glass fibre rod spooled in a galvanized horizontal cage,

Length	Rod-Ø	Cage-Ø	Weight	Order No.
30 m	6 mm	550 mm	5.8 kg	**009.444.00**
40 m	6 mm	550 mm	6.2 kg	**009.444.05**
50 m	6 mm	550 mm	6.8 kg	**009.444.10**
60 m	6 mm	550 mm	7.3 kg	**009.444.15**
70 m	6 mm	550 mm	7.9 kg	**009.444.20**
80 m	6 mm	550 mm	8.4 kg	**009.444.25**



Glass fibre rod spooled in a galvanized cage, standing design, completed by starting / ending junctions and eye bolt

Length	Rod-Ø	Cage-Ø	Weight	Order No.
20 m	4.5 mm	330 mm	4.8 kg	**009.443.00**
30 m	4.5 mm	330 mm	5.0 kg	**009.443.10**
40 m	4.5 mm	330 mm	5.2 kg	**009.443.20**
50 m	4.5 mm	330 mm	5.4 kg	**009.443.30**
60 m	4.5 mm	330 mm	6.0 kg	**009.443.40**
70 m	4.5 mm	330 mm	6.4 kg	**009.443.50**
80 m	4.5 mm	330 mm	6.8 kg	**009.443.60**



Glass fibre rod „Mini-Flex“
completed by container, flexible grips, spinner, starting junctions, pliers and glue

Length	Rod-Ø	Weight	Order No.
20 m	3 mm	1.2 kg	**009.456.00**
30 m	3 mm	1.3 kg	**009.456.10**
50 m	3 mm	1.6 kg	**009.456.20**



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Kabellægningsudstyr II



Starting spinner with shackle

Rod- Ø	Order-No.
4.5 mm	**009.470.70**
6 mm	**009.470.20**
9 mm	**009.482.00**
11 mm	**009.482.00**



Starting roller

Rod- Ø	Order-No.
6 mm	**009.470.30**
9 mm	**009.487.00**
11 mm	**009.487.00**



Coupler device - Rod-Ø 9-

Inner pipe Ø	Order-No.
46 mm	**009.489.20**
100 mm	**009.489.30**



Roller device for wheel mobile cage

Rod- Ø	Order-No.
9 -15 mm	**009.477.00**



Coupling swivel

Order-No. 009.485.00



Starting bushing

Rod-Ø	Order-No.
4,5 mm	**009.470.50**
6 mm	**009.470.00**
9 mm	**009.484.00**
11 mm	**009.481.00**
15 mm	**009.481.10**



Repair bushing

Rod-Ø	Order-No.
4,5 mm	**009.470.60**
6 mm	**009.470.10**
9 mm	**009.483.00**
11 mm	**009.480.00**
15 mm	**009.480.10**



Special glue
for repair bushing and/or starting bushing

Order-No.
009.486.00

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Kabellægningsudstyr II

Stringing Gun EZ 100



Easy and trouble-free stringing or sucking with the EZ 100
Conduit diameter: 50 - 150 mm
Standard-Set: Power Source 230V/10A
Scope of supply: *2 special pull line rolls ø 1 mm, Suction unit, 5 shuttle sets (50, 60, 80, 100,120 m) box with assembly material for shuttles.*
Order-No. 009.930.00

The advantages:

- **big time-savings during cable pulling**
- **compact dimensions allows excellent accessibility**
- **simple operation of the machine**
- **string roll of approx. 900 m**
- **double functionality blowing and sucking mode**
- **calibration is no longer necessary**



EZ 100 in case

Stringing Gun EZ 100 PLUS

Same scope of supply as for EZ 100 but additional
accessories included:
Adapter for tube diam. 25-50 mm, foam adapter 170 mm, parachute 30-60 mm, parachute 60-100 mm, parachute 100-150 mm, cone.
Order-No. 009.930.00



EZ 100 in use

Spare lines

Max. strain	Diam. Ø	**Order-No.**
24 kg	1 mm	**009.943.00**
220 kg	4 mm	**009.944.00**

Blow up to 900 m tube length within 3 minutes!

Accessories EZ 100



Shuttle
Composed of an axle, 2 black and 4 coloured discs



Sigma
Intake socket with a ring made of foam



Adapter black plus
with a special nozzle for small duct inner diameter of 25 - 50 mm

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Kabellægningsudstyr II



Basic inserting dev. without spout
galvanized
Weight: 14.5 kg **Order No.: 009.491.20**

PLEASE NOTE: Do not forget to order suitable spout!

Spout for:	Inner duct Ø	Weight	**Order No.**
009.491.20	95 mm	2.4 kg	**009.491.26**
	100 mm	2.5 kg	**009.491.31**
	120 mm	3.5 kg	**009.491.34**
	150 mm	4.5 kg	**009.491.40**



Cable drawing head

Max. cable-ð	Max. ð conductor	Weight	**Order No.**
48 mm	20 mm	2.0 kg	**009.560.00**
65 mm	32 mm	2.4 kg	**009.561.00**
80 mm	46 mm	3.5 kg	**009.562.00**



Guiding bend for manholes - small



Guiding bend for manholes
galvanized
Weight: 17 kg **Order-No. 009.495.70**

Guiding bend for manholes - small
galvanized with plastic-rollers
Weight: 8,48 kg **Order-No. 009.498.00**



Split cable protection bend
with clamping device
Weight: 3.5 kg

Order-No.: 009.500.00

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Kabellægningsudstyr II

Cable protection bend
without stop for inner duct dia. 100mm
Weight: 1.9 kg

Order No.: 009.502.00



Cable protection bend
with stop and handle
Weight: 2.5 kg

Order No.: 009.503.00



Cable protection bend
for the rim of manhole, pivoted and tiltable
Weight: 7.5 kg

Order No.: 009.506.00



Guide roller with angled base
pivoted for the rim of manhole
Weight: 16 kg

Order No.: 009.509.00



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Kabellægningsudstyr II



Anti-twist Swivel
with slide bearing, made of aluminium

Max. pulling force	Diameter	Weight	**Order No.**
5 kN	20 mm	0.08 kg	**009.564.00**
25 kN	30 mm	0.25 kg	**009.565.00**
35 kN	45 mm	0.55 kg	**009.566.00**

009.566.00 incl. shackle



Anti-twist Swivel
with slide bearing, straight version galvanized steel

Max. Pulling force	Diameter	Weight	**Order No.**
4 kN	12 mm	0.05 kg	**009.568.00**
30 kN	32 mm	0.50 kg	**009.568.10**
60 kN	45 mm	1.30 kg	**009.568.20**
110 kN	60 mm	3.00 kg	**009.568.30**
180 kN	60 mm	3.90 kg	**009.568.40**



Steel wire sling

Dia. Steel Wire	Dia. Sling	Weight	**Order No.**
4 mm	200 mm	0.10 kg	**107.135.00**
10 mm	450 mm	0.65 kg	**107.136.00**



Cable slip grease

Order-No.
Barrel 15Kg **117.050.01**
Barrel 23Kg **117.050.00**

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Kabellægningsudstyr II

Auxiliary rope winch Type 30/11
for blowing-in of auxiliary ropes

Technical Data:

Pulling force:	3 kN
Rope speed:	17 - 72 m/min.
Rope-Ø:	4 mm
Rope length usable:	1100 m
Drive:	Mechanical
Engine:	4 kW, 4-stroke, petrol
Fuel:	Regular petrol
Length:	1100 mm
Width:	650 mm
Height:	700 mm
Weight:	215 kg
Order-No.	**007.950.00**





Plug, slit for rope dia. of 4 mm.
Other rope diam. on request.

Inner duct-Ø	Weight	Rope-Ø	**Order-No.**
26-29 mm	0.44 kg	4 mm	**009.532.00**
33-36 mm	0.58 kg	4 mm	**009.532.10**
40-43 mm	0.67 kg	4 mm	**009.532.20**
50-53 mm	0.85 kg	4 mm	**009.532.50**
75-79 mm	1,38 kg	10 mm	**009.547.00**
97-103 mm	1.46 kg	4 mm	**009.532.30**
107-118 mm	1.95 kg	4 mm	**009.532.40**
145-160 mm	2.50 kg	10 mm	**009.532.60**



Sleeved piston with plasic collar
Other sizes upon request

Inner duct-Ø	Weight	**Order-No.**
28 mm	0.05 kg	**009.760.00**
35 mm	0.06 kg	**009.761.00**
40 mm	0.07 kg	**009.762.00**
45-47 mm	0.15 kg	**009.763.00**
73-76 mm	0.28 kg	**009.764.00**
89-91 mm	0.30 kg	**009.765.00**
98-101 mm	0.50 kg	**009.766.00**
102-104 mm	0.60 kg	**009.767.00**
109-112 mm	0.65 kg	**009.768.00**

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Kabellægningsudstyr II



Spong ball piston
Other sizes upon request.

Inner duct-Ø	Weight	**Order No.**
45- 55 mm	0.20 kg	**009.755.30**
50- 60 mm	0.22 kg	**009.755.35**
60- 70 mm	0.26 kg	**009.755.40**
70- 90 mm	0.30 kg	**009.755.45**
80-100mm	0.34 kg	**009.755.50**
100-120mm	0.55 kg	**009.755.55**
120-140mm	0.70 kg	**009.755.60**



Parachute for blowing-in

Inner duct-Ø	Weight	**Order-No.**
50 – 100 mm	0,087 kg	**009.754.60**
100 – 150 mm	0,113 kg	**009.754.70**
150 – 200 mm	0,199 kg	**009.754.80**



Drawing-head for multiple tubes
For inner duct-dia. 28 and 35 mm (two units each)
Weight: 2.5 kg

Order-No.: 009.541.00



Funnel-shaped insertion device for multiple tubes
Flexible hose, length: 3m
Weight: 15 kg

Order-No.: 009.542.00

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Kabellægningsudstyr II

Cable pulling grips made of galvanized steel wire
With 1 eyed thimble and pressed clamp, open at one end. Different types upon request.

Diameter mm	Length mm	Weight kg	**Order-No.**
8-15	1250	0.4	**009.599.00**
15-20	1250	0.4	**009.600.00**
20-30	1250	0.5	**009.601.00**
30-40	1250	0.5	**009.602.00**
40-50	1250	1.0	**009.603.00**
50-60	1250	1.2	**009.604.00**
60-80	1500	1.2	**009.605.00**
80-100	1500	1.3	**009.606.00**
100-120	1500	1.6	**009.607.00**
120-150	1500	2.2	**009.609.00**



Cable pulling grips made of galvanized steel wire
With 2 eyed thimbles and pressed clamps, open at both ends. Different types upon request.

Diameter mm	Length mm	Weight kg	**Order-No.**
15-20	1250	0.5	**009.610.00**
20-30	1250	0.6	**009.611.00**
30-40	1250	0.6	**009.612.00**
40-50	1250	1.2	**009.613.00**
50-60	1250	1.3	**009.614.00**
60-80	1500	1.3	**009.615.00**
80-100	1500	1.5	**009.616.00**
100-120	1500	1.9	**009.617.00**
120-150	1500	2.6	**009.618.00**



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Kabellægningsudstyr II



Cable pulling grips made of galvanized steel wire

With 2 eyed thimbles and pressed clamps, open type, with two binding strands for subsequent in-braiding.

Diameter mm	Length mm	Weight kg	**Order No.**
15-20	1250	0.5	**009.620.00**
20-30	1250	0.6	**009.621.00**
30-40	1250	0.6	**009.622.00**
40-50	1250	1.2	**009.623.00**
50-60	1250	1.3	**009.624.00**
60-80	1500	1.3	**009.625.00**
80-100	1500	1.5	**009.626.00**
100-120	1500	1.9	**009.627.00**
120-150	1500	2.6	**009.629.00**



Connecting grips made of galvanized steel wire

Diameter mm	Length mm	**Order-No.**
10-15	2000	**009.700.00**
15-20	2000	**009.701.00**
20-30	2000	**009.702.00**
30-40	2000	**009.703.00**
40-50	2000	**009.704.00**
50-60	3000	**009.705.00**
60-80	3000	**009.706.00**
80-100	3000	**009.707.00**
100-120	3000	**009.708.00**

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Kabellægningsudstyr II

Cable connecting grips, made of galvanized steel wire
With 1 thimble and pressed clamp, open at both ends.

Diameter mm	Length mm	**Order-No.**
10-15	700	**009.710.00**
15-20	700	**009.711.00**
20-28	700	**009.712.00**
28-35	700	**009.713.00**
35-45	700	**009.714.00**
45-55	700	**009.715.00**
55-65	700	**009.716.00**



Cable connecting grips, made of galvanized steel wire
With 2 thimbles and pressed clamps, open at both ends.

Diameter mm	Length mm	**Order-No.**
10-15	700	**009.720.00**
15-20	700	**009.721.00**
20-28	700	**009.722.00**
28-35	700	**009.723.00**
35-45	700	**009.724.00**
45-55	700	**009.725.00**
55-65	700	**009.726.00**



Upon request:
Cable grips made of PVC-coated steel wire or made of PVC, fibre optic cable pulling grips Grips for overhead line construction, made of galvanized steel wire, with 1 thimble, open at one end.

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Kabellægningsudstyr II



Triple cable pulling grips made of galvanized steel wire With 1 eyed thimble and pressed clamp, open at one end.

Diameter mm	Length mm	Weight kg	**Order-No.**
20-30	1250	1.8	**009.639.00**
30-40	1250	1.8	**009.640.00**
40-50	1250	1.9	**009.641.00**
50-60	1250	2.0	**009.642.00**
60-80	1250	2.1	**009.643.00**



Cable rack roller, open- type
galvanized
Weight: 5.5 kg

Order-No.: 009.590.00



Cable rack roller, closed-type
galvanized
Weight: 6.0 kg

Order-No.: 009.591.00

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Kabellægningsudstyr II

Cable drum transport devices

Payload (kg)	Max. Drum-diameter (mm)	Max. Drum width (mm)	Weight (kg)	**Order-No.**
800	1250	930	70	**009.660.00**



Loading ropes for cable drums (without

Carrying cap./ pair	Rope Ø	Rope length	Weight	**Order-No.**
6000 kg	20 mm	2000 mm	19 kg	**009.692.00**
10000 kg	24 mm	2000 mm	29 kg	**009.693.00**

Quick-action gripping hooks

Load per pair	Drum Bore Ø	Weight	**Order-No.**
6000 kg	80 - 125mm	7 kg	**009.694.00**
10000 kg	90 - 140mm	13 kg	**009.695.00**
16000 kg	125 -140mm	20 kg	**009.696.00**



Cross-head loading devices for cable drums with two sling ropes

Carrying cap.	Drum width	Drum-Ø	Weight	**Order-No.**
3000 kg	1200 - 1800 mm	3000 mm	39 kg	**009.691.03**
5000 kg	1200 - 1800 mm	3000 mm	64 kg	**009.691.05**
8000 kg	1200 - 1800 mm	3000 mm	98 kg	**009.691.08**
10000 kg	1200 - 1800 mm	3500 mm	108 kg	**009.691.10**
12000 kg	1700 – 2500 mm	4000 mm	174 kg	**009.691.12**
15000 kg	1700 – 2500 mm	4500mm	187 kg	**009.691.15**
18000 kg	1750 – 2750 mm	4500mm	285 kg	**009.691.18**
21000 kg	1750 – 2750 mm	4500mm	296 kg	**009.691.21**



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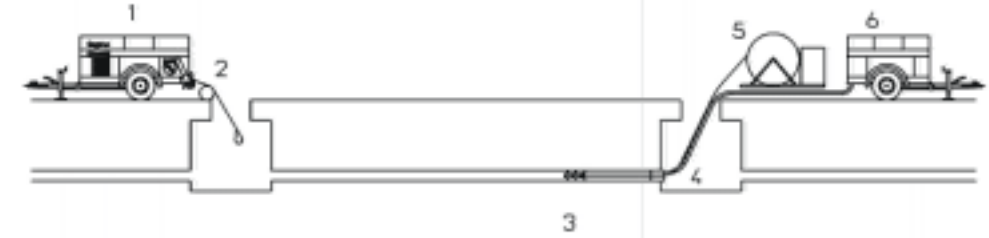
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Kabellægningsudstyr II

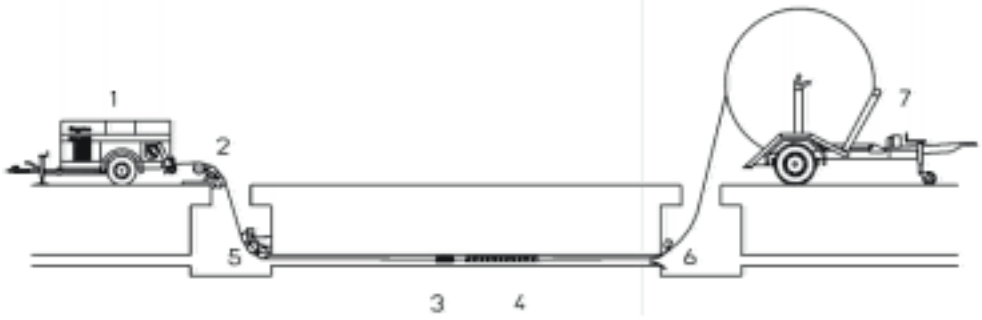
2.) DEVICES FOR CABLE LAYING IN DUCTS



1= Cable pulling winch
2= Guide roller
3= Protection roller
4= Protection bend
5= Glass fibre rod



1= Cable pulling winch
2= Guide roller
3= Piston
4= Plug
5= Rope winch
6= Compressor



1= Cable pulling winch
2= Triple roller
3= Anti-twist device
4= Pulling grip
5= Entrance device
6= Protection bend
7= Cable trailer

S. Tygesen Energi A/s

Leverandør til energi- entreprenør og telesektoren

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