

REEL TRAILER E45/26-9DS

Reel Trailer for cables or pipes, divided construction type E45/26-9Ds. Heavy duty construction with big wheels and ability of easy assemblage in two positions, opened operating position for very large reels and closed position for small reels. Made for unwindind (layind down) cables or pipes in wind farms, oil pipelines or water etc.

Technical characteristics

A) Opened operating position:

1. Maximum reel diameter: $\Phi 4500\text{mm}$
2. Maximum reel width: 2600mm
3. Reel's central bore: from $\Phi 120$ to $\Phi 290\text{mm}$ (shaft D)
4. Maximum reel weight: 9000kg



B) Closed operating position:

1. Maximum reel diameter: $\Phi 3200\text{mm}$

2. Maximum reel width: 1500mm

3. Reel central bore: from $\Phi 120$ to $\Phi 290$ (Shaft C), from $\Phi 95$ to $\Phi 125$ (Shaft B) and from $\Phi 76$ to $\Phi 110$ (Shaft A)

4. Μέγιστο βάρος στροφείου: 9000kg



Technical details

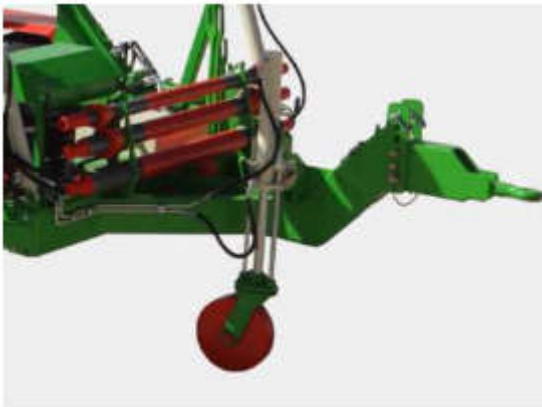
1. Controlled rotational speed of the reel. Counterclockwise rotation possibility for unwinding and clockwise rotation for limited utility of collecting.



2. Hydraulic moving of rotating wheels to the reel.



3. Hydraulic movement of the foot wheel of the tow bar.



As can be seen on the images below, the metallic wheel can be rotated at B' and C' postures, respectively.



0°-A' posture



60°-B' posture



90°-C' posture

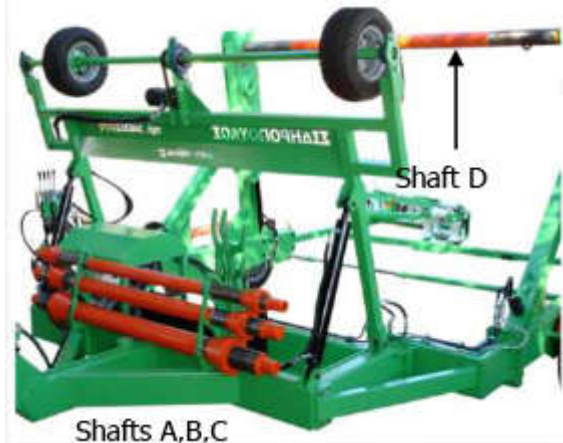
4. The right and left «S» are the divided parts in the form of an «S», in order to assemble the reel trailer in the opened operating position. High pressure hoses with quick-connectors, used for oil transfer to the hydraulic lifting cylinders of the reel.



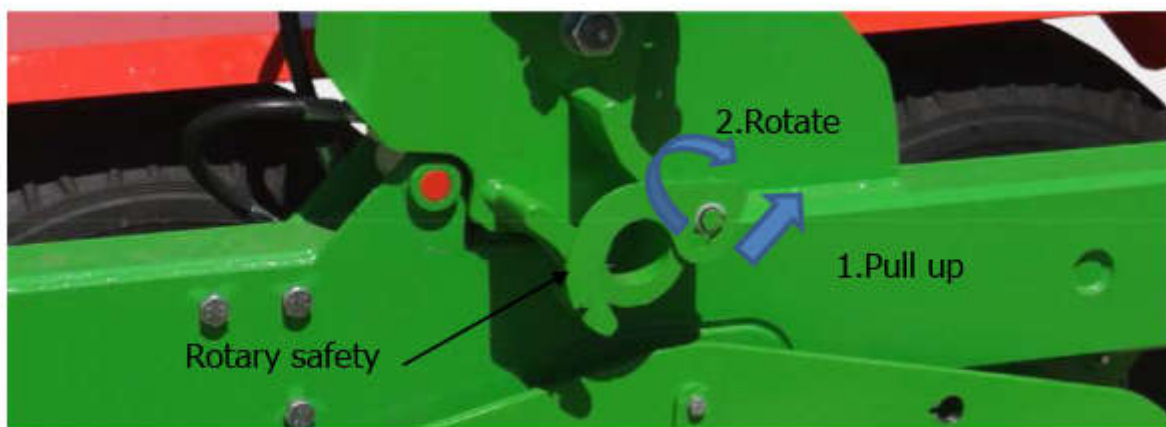
5. Six wrenches for the conical reel nuts are used in order to screw the conical nuts of the four shafts employed on the reel trailer.



6. Shafts A-B-C are the three shafts for “closed operating position” which employ six nuts. Each time use the proper shaft which suits to the particular reel. Shaft D is used for “open operating position”.



7. Rotary safety for shaft locking.



8. During reeling and for reels weighted less than two tones (2000kg), it is possible to lift both front wheels. In this way during operation of the Reel Trailer with small reels, or even without reel at all, you can make maneuvering easier.



9. Wheels type 400/60-15,5 Rims with six holes. 14 PR. Pattern IM72. Inflated dimensions, 894mm diameter and 402mm width. According to the manufacturer, it is referenced that each tire can carry 3270kg weight. In addition, according to the manufacturer, each stub axle carrier can bear 4000kg.



10. Adjustable tow bar in six different positions.



11. The two hydraulic cylinders that lift the reel have autonomy handling.



12. The four wheels are protected with a steel sheet bumper. Each pair of wheels is located on a Libra for better weight distribution and traction even for construction sites with rough terrain.

13. Taillights are connected to the towing vehicle.

14. Options:

- a. Pipe or cable guide
- b. Engine type

15. Designed and manufactured in EU.

16. It can easily disassembled completely in pieces and shipped in a 20' container to any port worldwide.

17. We are always at your disposal to start from scratch and customize the reel trailer according your needs.

Best Regards,
Sidiropoulos Alexandros
Mechanical Engineer
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Customization and options

1. GUIDE WITH ROLLS: Recommended for laying down cables or pipes, from $\Phi 70$ up to $\Phi 300$ mm diameter, just behind the Reel Trailer. This is the part which comprises 8 rolls made of PA6 Polyamide. Polyamide is hard, flexible even at low temperature, has excellent impact strength, good wear resistance, high moisture absorption and good chemical resistance. Every roll has two bearings installed. Their position is optional and can be modified on demand in any place you may consider as optimum. The pipe guide can be adjusted depending on the reels diameter and the size of the pipe or cable that will be used. For transportation pipe guide can be transformed.



2. GUIDE TYPE «SNAKE»: Recommended for laying down cables or pipes up to $\Phi 75$ mm diameter, to the left or to the right side of the Reel Trailer. This is the part which comprises 21 rolls made of PE (Poly-Ethylene) with 2 bearings each, galvanized $\Phi 30 \times 160$ linchpins with a bore for a safety pin and a handle. It also serves full-thread M16 metal rod covered by black $\Phi 20$ PE as well as galvanized nuts and washers.

Rolls are pre-placed and fixed as is depicted in figure on the right. Notwithstanding that their position is optional and can be modified on demand in any place you may consider as optimum. The cable guide can be adjusted either on the right or left side of the reel cable trailer.



During the replacement of the reel (when is empty) the "snake" guide is not necessary to be uninstalled. Remove the galvanized linchpin and shift the pipe guide at a lateral position. Remove the supporting beam as well as the connection bar and reload identically.



3. AVAILABLE ENGINES

Gasoline engine HONDA GX270V 9HP with electric starter.



Lombardini 15LD 440 air cooled diesel engine 10.9HP/3600rpm with electric starter.


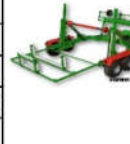
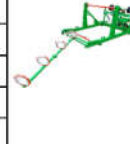


4. We are always at your disposal to start from scratch and customize the reel trailer according to your needs.

Check below for the characteristics table.

Best Regards,
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Reel Trailers Pricelist - www.sidiros.gr - 2021-10

Reel Trailers for Cables or Pipes		Type E26/16-7Ds		Type E45/26-9Ds		Type FBD30/18-v3	
Standard Equipment			ask for price		ask for price		ask for price
Divided Type		Yes		Yes		-	
Open operat.	Maximum Reel Diameter	3400mm		4500mm		-	
	Maximum Reel Width	2350mm		2600mm		-	
	Reel's Central Bore	from Ø115 to Ø180mm		from Ø120 to Ø290mm		-	
	Maximum Reel Weight	7500kg		9000kg		-	
	Maximum Reel Diameter	2600mm		3200mm		2900mm	
Closed	Maximum Reel Width	1600mm		1500mm		1800mm	
	Reel's Central Bore	from Ø76 to Ø115mm		from Ø76 to Ø290mm		from Ø80 to Ø120mm	
	Maximum Reel Weight	7500kg		9000kg		(7500kg) up to 9000kg	
	1.a Unwinding Utility	Yes		Yes		Yes	
1.b	Winding Auxiliary Utility	limited		limited		limited	
2	Hydraulic Moving of Rotating Wheels	Yes		Yes		Yes	
3.a	Hydraulic movement of the foot wheel of the tow bar	Yes		Yes		-	
3.b	Rotating metallic wheel to 60 and 90 degrees	Yes		Yes		-	
4	Right and left "S" (2pcs)	840mm widening	ask for price	1280mm widening	ask for price	-	
5	Wrenches for the conical reel nuts	6pcs		6pcs		-	
6.a	Shafts for Reels in closed operating position	A-B-C (3pcs)	ask for price	A-B-C (3pcs)	ask for price	E (1pcs)	ask for price
6.b	Shafts for Reels in open operating position	Shaft D (1pc)	ask for price	Shaft D (1pc)	ask for price	-	-
6.c	Conical Nuts for Shafts (Shafts C-D use same nuts)	6pcs for A-B-C-D		4pcs for A-B		2pcs for E	
6.d	Special Conical Nuts Ø300mm for Shaft D	-		2pcs for Shaft C-D		-	
6.d	Grips for shaft per side	4		5		3	
7	Rotary safety for shaft locking	Yes		Yes		Yes	
8	Lift both front wheels for light reels	-		Yes		-	
9	Wheels type	26/8,00-14 or 24/8-14,5		400/60-15,5		No wheels for FBD	
10	Adjustable tow bar	6 positions		6 positions		-	
11	Autonomy handling of the hydraulic cylinders of the reel	Yes		Yes		No HC for Reel in FBD	
12.a	Wheels are protected with a steel sheet bumper	Yes		Yes		-	
12.b	Libra for better weight distribution	Yes		Yes		-	
13	Taillights	Yes		Yes		-	
14.a.i	Guide type Snake	Default	ask for price	On demand	ask for price	-	
14.a.ii	Guide with Rolls	On demand	ask for price	Default	ask for price	-	-
14.a.iii	Cable laying guide hydraulically folding	-	-	-	-	Default	ask for price
14.b.i	Engine type Diesel Lombardini 15LD225-440	On demand. Extra cost	ask for price	Default	ask for price	On demand. Extra cost	ask for price
14.b.ii	Engine type Gasoline HONDA (or Subaru) 9HP	Default		On demand. Less cost		Default	
15	Disassembled and shipped in a 20' container	Yes		Yes		No disassemble needed	
16	Ability to customize the reel trailer according your needs.	Yes		Yes		Yes	
17	Compressed air break system on every wheel	On demand	ask for price	On demand	ask for price	-	-
18	Spare wheel (price for one item)	On demand(24/8-14,5)	ask for price	On demand(400/60-15,5)	ask for price	-	-
19	Spare wheel for reel's transmission (oil motor wheels)	On demand	ask for price	On demand	ask for price	On demand	ask for price
20	Remote control - electronic speed adjustment - LCD	On demand	ask for price	On demand	ask for price	On demand	ask for price
21	Emergency button	Yes. Left and right	-	Yes. Left and right	-	Yes. One for operator seat	-