



# LAYING PLOUGH

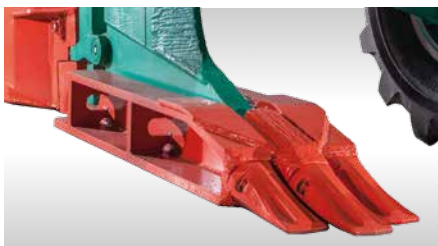
The world's most powerful laying plough

- **MULTITALENT:** Safely lays up to 40 pipes into the ground simultaneously
- **RECORD HOLDER:** Max. Ø 630 mm pipe at a depth of 2.500 mm
- **WORLD CHAMPION:** 5 x faster than a trencher, 20 x faster than using an excavator
- **ENVIRONMENTALLY-FRIENDLY:** Bushes, trees and topsoil are mostly left untouched
- **ALL-TERRAIN:** For almost all terrain structures and ground types

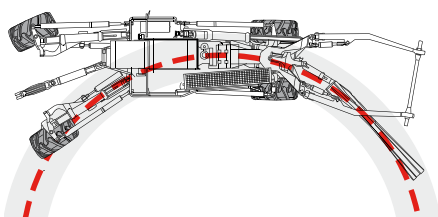
## The FSP 22 FOECK plough



➤ Individual laying chute



➤ Height-adjustable ripper shoe



➤ Turning radii up to 4 m

The FSP 22 FOECK laying plough is ideal for laying cables and HDPE pipes up to a diameter of 280 mm which are supplied via a drum with a maximum weight of 4.000 kg, carried by a vehicle. The laying depth can be continuously adjusted up to 2.200 mm. Thanks to individual insertion elements, several cables/pipes can be laid in a single work step with warning tapes, lightning arrestors and cover strips. If an expander mandrel is used, then the FSP 22 is also suitable for steel and cast iron pipes.

### Take advantage of the most advanced and efficient method of safely laying cables and pipes in the ground:

- Individual laying chutes allow up to 40 cables to be laid simultaneously at different levels down to a depth of 2.200 mm in the ground
- Variable track width of 2.150 to 5.500 mm
- High laying capacity: up to 1.500 m per hour
- Replaceable and adjustable ripper shoe for precise depth regulation and optimum laying slot
- Safe thanks to automatic safety shutdown and trenchless laying
- Adjustable drawbar with cable guide roller for inserting a pulley
- Powerful all-wheel drive, up to 20 tonnes of tractive force support

## The FSP 220 / FSP 280 FOECK Plough



The FSP 220/280 marks a first when it comes to laying capacity. This FOECK plough is the benchmark in the entire field (laying speed, depth, and force absorption for processing the majority of soils). Its adjustable drawbar ensures optimum force transmission from the tow cable. The FSP 280 has a double drawbar for a maximum tractive force of 360 tonnes (with pulley).



**FOECK**  
PLOWH



The FOECK Plough has a laying capacity of up to 1.500 m per hour. Standard-compliant according to DIN/EN 1610.

### Additional characteristics of the FOECK FSP 220/FSP 280:

- Powerful: with 360 tonnes of tractive force with a double drawbar
- Variable track width of 2.980 mm to 6.500 mm
- Extremely versatile: for laying pipes up to 630 mm in diameter
- Deep: laying depth up to 2.500 mm on solid ground and a wading depth of 1.900 mm



- Double drawbar

## TECHNICAL DATA

TYPE	FSP 22	FSP 220	FSP 280
Engine power	126 hp/93 kW	235 hp/175 kW	235 hp/175 kW
Cylinders	4	6	6
Emissions class	STAGE III A, STAGE IV TIER III, TIER IV	STAGE III A, STAGE IV TIER III, TIER IV	STAGE III A, STAGE IV TIER III, TIER IV
Wheel drive	4 x 4 hydrostatic	4 x 4 hydrostatic	4 x 4 hydrostatic
Hydraulic steering	4-wheel	4-wheel	4-wheel
Front tyres	710/45 – 26.5 20 PR	750/55 – 26.5 20 PR	750/55 – 26.5 20 PR
Rear tyres	600/55 – 26.5 20 PR	750/55 – 26.5 20 PR	750/55 – 26.5 20 PR
Bearing load <sup>(2)</sup>	0,2 – 0,8 kg/cm <sup>2</sup>	0,2 – 0,8 kg/cm <sup>2</sup>	0,2 – 0,8 kg/cm <sup>2</sup>
Length	10.700 mm	12.720 mm	13.447 mm
Min. width	2.150 mm	2.980 mm	2.980 mm
Max. width	5.500 mm	6.500 mm	6.500 mm
Min. height	3.540 mm	3.540/3.800 mm	3.540/3.800 mm
Weight (standard equipment)	18.800 kg	25.100 kg	28.000 kg
Laying capacity	Up to 1.500 m/h	Up to 1.500 m/h	Up to 1.500 m/h
Laying depth, continuous up to	2.200 mm	2.500 mm	2.500 mm
Wading depth (at a laying depth of 1.5 m)	Up to 1.4 m	Up to 1.9 m	Up to 1.9 m
Ploughable turning radius	4.000 mm	4.000 mm	4.000 mm
Drum holder ø-max.	2.800 mm (3.800 mm*)	2.800 mm (3.800 mm*)	2.800 mm (3.800 mm*)
Max. width	1.800 mm (2.500 mm*)	1.800 mm (2.500 mm*)	1.800 mm (2.500 mm*)
Drum weight	4.000 kg	6.000 kg	6.000 kg
Cab	<ul style="list-style-type: none"> <li>• Comfort tilting cab with heating (A/C system*)</li> <li>• Sliding doors, fold-out front panel, sliding windows, etc.</li> <li>• Safety shutdown for the cable winch via radio, (hand-held radio between laying plough and cable winch vehicle with cable winch shutdown*)</li> </ul>		
(installation chutes/laying chutes*)	Flexible pipes up to ø 280 mm	Flexible pipes up to ø 450 mm	Flexible pipes up to ø 630 mm
	<ul style="list-style-type: none"> <li>• Or several cables/pipes simultaneously</li> <li>• Cable/pipe laying chutes in all sizes</li> <li>• Low, medium and high-voltage cable up to 110 KV, in triangular configuration and over 110 KV according to specification of the energy supplier with cable monitoring and documentation<sup>(1)</sup></li> <li>• Line warning tape is height-adjustable above cable/pipe, lightning protection lines and cover strips according to customer requirements</li> <li>• Installation chute for steel and cast iron pipes</li> <li>• Induction torpedo for pipes up to ø 630 mm (in drawing-in procedure)</li> <li>• Delivery chute for the insertion of ground stabilising materials</li> </ul>		
* Optional	Other special equipment and laying chutes upon request		
<sup>(1)</sup> Special equipment			
<sup>(2)</sup> with slide shoes			

## WALTER FÖCKERSPERGER GMBH:

Representing advanced and high-quality laying technology for over 55 years.

The family company, which was founded in 1931 and is now run by the third generation of the family, develops devices and machines which enable flexible lines and pipes to be laid without excavation. The special machine builder, who is based in the Lower Bavarian town of Pauluszell, launches new products, which are used around the world, with increasing frequency.

➤ Reap the benefits of making a smart investment in our robust devices

➤ Put yourself years ahead of the competition when it comes to technology with our laying system

➤ Let us help you carry out your laying tasks.



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