

FOBRO-MOBIL D32



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At **Baertschi**, we are committed to staying ahead of global trends in agricultural processing. To enhance the capabilities of our **Fobro-Mobile D32** tractors, we are now offering GPS devices as an additional option, bringing cutting-edge technology to your fields.

The D32 tractor stands out as the perfect solution for surface soil cultivation, particularly for inter-row treatment. In a world where reducing chemical use is becoming crucial, our tractors are designed to tackle the challenge of controlling grass and weeds between rows effectively. By focusing on the future needs of farmers, we are developing innovative tools that align with the principles of precision agriculture, ensuring you have the support you need for sustainable and efficient farming practices.



Front, rear and central axle attachment

Various attachments can be mounted onto the front, rear and middle axles. (Standard central axle equipment) Vertical cranes allow for short attachments, resulting in better visibility and more precise attachment control.

MODULARITY

The initial goal of precision agriculture is to increase profitability, increase yields by reducing input/output, while maintaining "good agricultural practice". Although today the term "precise agriculture" is associated with certain new techniques used in the agricultural production process, the key is precise agriculture is, however, the information obtained during this production. It has been proven that producers who have a managerial approach during production, i.e. have access to more detailed information, they also make more profits.

USP OR WHAT MAKES D32 DIFFERENT?

The combination of a **Fobro** tractor with the tool carrier that is automatically operated in two axes gives you a lot of advantages and savings in comparison to the vehicle steering only. The side shift frame is steered by the **PSR SONIC** ultra sound sensors from Reichhardt. The ultra sound sensors are scanning rows or plants and steer the side shift frame along the plants. The development of the GPS guide system was realized in cooperation with the company geo-konzept.



With joint cooperation, we succeeded in perfecting the device for GPS guidance and bringing the control systems to perfection. The touch-panel that is installed is **TOPCON X35** and it is intended for the most demanding and most up-to-date operations.

Combined steering with GPS and ultra sound:

- The Fobro Mobil D32 is hydraulic retrofitted with a RTK steering system Topcon X35;
- The side shift frame is steered by the PSR SONIC ultra sound sensors from Reichhardt;

POWER, BUT ALSO PRECISION

Experience superior comfort and precision with the **FOBRO Mobile's** advanced ergonomic design. The integrated multifunctional joystick not only controls the vehicle's speed but also manages the operation of auxiliary units, ensuring a seamless and efficient workflow.

The high-precision joystick offers ergonomic and precise handling, making your driving experience both comfortable and accurate. The innovative **FOBRO-MOBIL SPS** control system includes a smart turning management feature, saving you time during operations.



Engine and performance

A powerful and economic 2-cylinder vertical TAVAS 2V95F(E) 32 HP diesel engine. An all-round accessibility achieved by simply lifting the lid. A worldwide service network and spare parts service.

The hydraulic system

Additional hydraulic connections for all cranes, a 2-speed drive. An electric oil cooler combined with oil engine connections for additional drives. The hydraulic drive locking for operation on extreme slopes.

Elements of comfort

Digital speed indicator, multifunctional joystick, comfortable seat.

VISIBILITY AND CONTROL

The most important characteristics of the FOBRO Mobil involve the unrestricted view of the totally-visible device between the axles and the high degree of precision.

The innovative concept of an overhead frame enables a good view of work equipment. In addition, the concept also enables mounting of the existing attachments onto the central axle without disassembly (three-point disassembly).

The front, central and axle mounting options allow you to position the desired attachments as required. Less manual work and a higher precision optimize the cost-effectiveness.



100% visibility

From the sitting position you have an unobstructed view of the work equipment and the crops you attend to. The steering wheel can be adjusted in a way that is optimal for the driver, i.e. it can be placed out of sight during operation.

A complex and multipurpose vehicle, perfect for tillage

Harvesting, brushing, harrowing and sprinkling implements up to 3m wide can be easily mounted onto the unit. With the addition of fertilizer spreaders, seeders, foil layers, harvesting platforms and a number of others, the Fobro Mobil D32 is the absolute all-round professional assistant for tending all types of crops.

SPECIFICATIONS

Engine	2-celinder vertical TAVAS 2V95F(E) 32hp
Traction drive	hydrostatic
Length	3,800 mm
Width	1850 mm
Height	2500 mm
Weelbase	2,300 mm
Attachment space at the centre	1,800 mm
Fuel type	diesel
Track	1500 - 1800 mm or 1800 - 2100 mm
Tare weight / Permissible laden weight	1250 kg / 2,050 kg
Clearance	650 mm
Turning radius	5 m (+- 0.2 m)
Tyres	6.00 - 16 / 8.3-24 AS

Further technical data and details are available upon request, along with extensive advisory services related to the D32. Subject to technical modifications and product improvements.

We are convinced that our **FOBRO Mobil D32** can not only help you solve all your various tasks, but also achieve optimal cost efficiency in your company!



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