

POTATO TECHNOLOGY
BEET TECHNOLOGY
VEGETABLE TECHNOLOGY

GRIMME

Barrel-systems of the TS-series



Drive of the pump

via PTO shaft (1)

the hydraulic pump is directly mounted on the PTO shaft of the tractor. This version can not be used when any type of tiller is attached in the rear of the tractor.



hydraulically driven from the tractor (2)

the pump of the barrel-system is driven by a hydraulic pump, using the oil from the tractor via hydraulic control box.

hydraulically driven via control block of the potato planter (3)

the pump of the barrel-system is driven by a hydraulic pump, using the oil from the hydraulic block of the potato planter.

This drive is only possible, when the potato planter is equipped adequately.



Control and switch-off

mechanically (4)

spread rate is adjustable by a manual regulation valve, switch-off is operated by mechanical valves for part width section control which are mounted close to rear side of the tractor.



electrically (5)

spread rate [l/ha] and switch-off are adjusted respectively operated manually via terminal of the potato planter.

automatic electrically (6)

the desired spread rate [l/ha] is adjusted on the terminal of the potato planter, regulation is done automatically, depending on driving speed.



Equipment

Fresh water tank (1)

for simple cleaning of barrel and nozzles, prevents sticking of the entire system. Not possible for TS 400 and TS 800.



Operation panel (2)

convenient operation of functions such as emptying, cleaning and spreading by central operation panel and operator terminal. Not possible for TS 400 and TS 800.



Licensed plant protection equipment control (3)

an official device control for all barrel systems, which are used in potato planters is required in the EC from July 2016, when the device is used for plant protection on the tuber / in the furrow. Exceptions are possible in some countries.



Technical data

	TS 410	TS 420	TS 820 front attachment	TS 820 rear attachment	TS 400	TS 800
						
Equipment						
Qty. of barrels	1	2	2	2	1	2
total volume	400 l	400 l	800 l	800 l	400 l	800 l
rinsing water tank	•	•	•	•	–	–
hand wash tank	•	•	•	•	–	–
Drive of the pump						
via PTO shaft	◦	◦	◦	◦	◦	◦
hydraulically via tractor	◦	◦	◦	◦	–	–
hydraulically via control block of the potato planter	◦	◦	◦	◦	–	–
Control and switch-off						
mechanical	◦	◦	◦	◦	◦	◦
electrical	◦	◦	◦	◦	–	–
electrical-automatic	◦	◦	◦	◦	–	–
Position of mounting						
on the front frame	•	–	•	–	•	–
on the potato planter	–	–	–	•	–	•
on the rotary tiller	–	•	–	–	–	–
Licensed plant protection equipment control (German law)	◦	◦	◦	◦	–	–
Sales area	worldwide				only outside EC countries	
Machine Types available for	GL 32 E, GL 32 F, GL 32 B, GL 410, GL 420, GL 420 Exacta, GL 430, GB 215, GB 230, GB 330, GB 430	GR 300, (FA 200, GF 200 from 2017)	GL 32 F, GL 32 B, GL 410, GL 420, GL 420 Exacta, GL 430, GL 660, GL 860, GL 860 Compacta, GB 215, GB 230, GB 330, GB 430	GL 430, GL 660, GL 860, GL 860 Compacta, GB 230, GB 330, GB 430	GL 32 E, GL 32 F, GL 32 B, GL 410, GL 420, GL 430, GB 215, GB 230, GB 330, GB 430	GL 430, GL 660, GL 860, GL 860 Compacta, GB 230, GB 330, GB 430

• Standard ◦ Option – Not available

No claims can be raised in respect of texts, illustrations, technical specifications, dimensions and weights, equipment as well as performance specifications. They are approximate and non-binding. Changes in the course of technical enhancement are possible at any time.



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Grimme Landmaschinenfabrik GmbH & Co. KG
 Hunteburger Straße 32 · 49401 Damme · Germany
 Phone +49 5491 666-0 · Fax +49 5491 666-2298
 grimme@grimme.de · www.grimme.com

