



PERFECTION DOWN TO THE SMALLEST DETAIL

Front Linkages
Front PTOs

DEUTZ-FAHR

Great technology for the work in the field

Optimum quality • latest technology • compact design • use worldwide

SAUTER Conception

Development, production, sales and technical support from one hand

- ▶ High application safety owing to a fully developed construction
- ▶ Individual adaptation to the respective tractor type
- ▶ Durable value conservation owing to an optimum adjustment to the tractor design
- ▶ Easy mounting due to complete kits and best suitability
- ▶ Many uses owing to a compact design and a sophisticated kinematic mechanism
- ▶ Maximum angle of turn and ground clearance of the tractor are maintained
- ▶ Individual range of accessories for the extension of the ranges of application

SAUTER Front Linkage

A name known in agriculture

- ▶ Matching power introduction into the tractor structure
- ▶ Two double-acting cylinders with hardened and hard-chrome plated piston rods
- ▶ Straight-through lifting power transmission (see technical data)
- ▶ The strong lower links are removable without any tools and easily pivotable upwards
- ▶ A generously dimensioned float adapter, which can be easily locked, makes for optimum adjustment to surface conditions for all front-end implements
- ▶ Cast support of lower links unites stability with good shape
- ▶ Reversing valve with the following functions:
 1. Single-acting
 2. Double-acting (for implements requiring lifting and pressing)

3. Locking of lifting and lowering (safe transport, no unintended lowering of the front-end implement possible)
 4. With integrated reducing throttle on request
- ▶ Optional: Reversing switch with the following advantages
 1. Higher safety
 2. Minimizing the probability of operating errors on the front linkage and remote outlet at the rear
 3. Three switch positions: front linkage – blocked – remote outlet at the rear
 4. Integrated reversing valve double-acting / single-acting
 5. Sensor-controlled switch positions of front control
 6. Easy and ergonomic use from inside the cab
 7. Compact mounting form
 - ▶ Integrated shunt coupling in favorable position
 - ▶ All points of rotation can be lubricated, long-life slide bearings
 - ▶ Walterscheid catch hooks

SAUTER Front PTO

Many years of experience and application

- ▶ Gear with its own oil-pressure supply and therefore independent from the hydraulic system of the tractor
- ▶ Multiple-disc clutch runs noiselessly in an oil bath
- ▶ Adaptation of the gear ratio to the rear PTO
- ▶ Smooth start-up characteristics for all front-end implements
- ▶ Switch-on and -off by a push-button
- ▶ Easy coupling due to a PTO end which can be manually turned
- ▶ Easy and time-saving assembly, retrofitting without any problems
- ▶ Economic front PTO on request

SAUTER Options

Individual solutions, even for special demands

- ▶ Telescopic top link
- ▶ Tractor triangle
- ▶ Holders for mower relief springs
- ▶ Front remote
- ▶ Hydraulic accumulator
- ▶ Hydraulic pipes at the front
- ▶ Control from the front
- ▶ Light socket 7 poles
- ▶ Ballast container
- ▶ Ballast support
- ▶ Wide option range for municipal use



TECHNICAL DATA / STANDARD DELIVERY

Front linkage category
Lifting power at catch hook kN (t)
Lifting power at implement center of gravity 800 mm from catch hooks kN (t)
Double-acting cylinders
Reversing valve / Reversing switch
Catch hooks Walterscheid cat.
Top link cat. / thread
Top link support
Side rails up to the clutch housing
Front PTO shaft speed / rpm / gear ratio
" Shaft displacement 245mm
" ECO
Max. PTO power kW (HP)
" Shaft displacement 245mm
" ECO
Max. continuous power kW (HP)
" Shaft displacement 245mm
" ECO
Shaft displacement (mm) 124
Shaft displacement (mm) 245
" ECO (mm) 124
Compatible with SDF PTO
Compatible with SDF front axle support
New Sauter front axle support

Perfection down to the smallest detail



Agrolux 65 - 75 * 310-410 *	Agroplus 310-420 Standard F / S / V	Agroplus 310-420 Standard F / S / V	Agrofarm 410 - 430 / + Var. C* 410 - 420T* 415- 425 T Ecoline*	Agrotron K 410-430/610	Agrotron M 410-420 / M 600-640 TTV 410-430 TTV 610-620	Agrotron M 650 TTV 630	Agrotron X 710-720
2	2	2	2	2	2	2	2
18 (1,8)	21 (2,1)	21 (2,1)	28 (2,8)	28 (2,8)	38 (3,8)	45 (4,5)	50 (5,0)
12,5 (1,25)	15 (1,5)	15 (1,5)	18 (1,8)	18 (1,8)	26 (2,6)	30 (3,0)	33 (3,3)
○	●	●	●	●	●	●	●
-	● / ○	● / ○	● / ○	● / ○	● / ○	● / ○	● / -
● 2	● 2	● 2	● 2	● 3L	● 3L	● 3L	● 3L
2 / M30	2 / M30	2 / M30	2 / M30	2 / M30	2 / M30	2 / M36x3	2 / M36x3
-	●	●	●	●	●	●	●
-	-	-	○	○	●	-	-
● 1000 / 2,06	● 1000 / 2,06	-	1000 / 2,06	● 1000 / 1,93	● 1000 / 1,93	● 1000 / 1,93	● 1000 / 1,93
-	-	-	-	-	-	○ 1000 / 1,93	○ 1000 / 1,93
○ 540 / 3,06	○ 540 / 3,06	-	-	○ 1000 / 1,63	○ 1000 / 1,63	○ 1000 / 1,63	○ 1000 / 1,63
● 74 / (100)	● 74 / (100)	-	74 / (100)	● 147 / (200)	● 147 / (200)	● 147 / (200)	● 147 / (200)
-	-	-	-	-	-	○ 147 / (200)	○ 147 / (200)
○ 40 / (54)	○ 40 / (54)	-	-	○ 100 / (136)	○ 100 / (136)	○ 100 / (136)	○ 100 / (136)
● 50 / (68)	● 50 / (68)	-	50 / (68)	● 110 / (150)	● 110 / (150)	● 110 / (150)	● 110 / (150)
-	-	-	-	-	-	○ 125 / (170)	○ 125 / (170)
○ 35 / (48)	○ 35 / (48)	-	-	○ 88 / (120)	○ 88 / (120)	○ 88 / (120)	○ 88 / (120)
-	-	-	-	●	●	●	●
-	-	-	-	-	-	○	○
-	-	-	-	○	○	○	○
-	-	●	-	-	-	-	-
-	-	●	-	-	-	-	-
-	●	-	-	-	-	-	-

● standard version | ○ on request | - not available | PTO shaft profile DIN 9611 - 1 3/8" - 6 | direction of rotation to the right in driving direction
 * When mounting the front PTO, the front axle support has to be cut out.

The SAUTER Production

SAUTER - Top technology for agriculture!

It stands to reason for us that flexibility and highest quality keep with the latest technological developments in agricultural industry. Many

years of experience, up-to-date production plants and qualified staff are the best prerequisite.



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