

JOHN DEERE



**Front Linkage
Front PTO**

PERFECTION DOWN TO THE SMALLEST DETAIL

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
Front PTO shaft speed/rpm / gear ratio / Shaft displacement mm
as above
as above
as above ECO
as above ECO
Max. PTO power kW (HP)
as above
as above
as above ECO
as above ECO
Max. continuous power kW (HP)
as above
as above
as above ECO
as above ECO

• standard version | O on request | - not available | PTO

Perfection down to the smallest detail



JOHN DEERE 5055 - 5075E	JOHN DEERE 5080 - 5090 G / GH	JOHN DEERE 5080 - 5100 GF / GV	JOHN DEERE 5085M - 5105M (USA)	JOHN DEERE 5070 - 5100 RN / R / M	JOHN DEERE 6105R - 6125R 6115M - 6125M	JOHN DEERE 6130R - 6210R 6130M - 6170M	JOHN DEERE 7200R - 7280R ** with preparation of front axle support	JOHN DEERE 7200R - 7280R without preparation of front axle support	JOHN DEERE 8235 - 8360 R / RT
2 / ○ 1	2 / ○ 1	2 / ○ 1	2	2	2	2	2	2	2
25 (2.5)	25 (2.5)	21 (2.1)	21 (2.1)	28 (2.8)	35 (3.5)	45 (4.5)	55 (5.5)	50 (5.0)	50 (5.0)
17 (1.7)	17 (1.7)	15 (1.5)	15 (1.5)	18 (1.8)	20 (2.0)	30 (3.0)	35 (3.5)	33 (3.3)	33 (3.3)
○	○	○	●	●	●	●	●	●	●
○ / -	○ / -	○ / -	● / ○	● / -	● / ○	● / ○	● / ○	● / ○	● / -
● 2	● 2	● 2	● 2	● 2	● 3L	● 3L	● 3L	● 3L	● 3L
2 / M30	2 / M30	2 / M30	2 / M30	2 / M30	2 / M30	2 / M36x3	2 / M36x3	2 / M36x3	2 / M36x3
●	●	●	●	●	●	●	●	●	●
● 1000 / 2.06 / 97.5	● 1000 / 2.06 / 97.5	● 1000 / 2.06 / 97.5	● 1000 / 2.06 / 97.5	● 1000 / 2.1 / 124	● 1000 / 1.93 / 124 *	● 1000 / 1.93 / 124 *		● 1000 / 1.91 / 380 -	
-	-	-	-	-	-	○ 1000 / 1.93 / 186 -		-	-
-	-	-	-	-	-	○ 1000 / 1.93 / 245 -		-	-
○ 540 / 3.06 / 97.5	○ 540 / 3.06 / 97.5	○ 540 / 3.06 / 97.5	○ 540 / 3.06 / 97.5	○ 1000 / 1.63 / 124	○ 1000 / 1.63 / 124	○ 1000 / 1.63 / 124 -		-	-
-	-	-	-	-	-	○ 1000 / 1.61 / 186 -		-	-
● 52 / (71)	● 74 / (100)	● 74 / (100)	● 74 / (100)	● 147 / (200)	● 147 / (200) *	● 147 / (200) *	-	● 125 / (170)	-
-	-	-	-	-	-	○ 147 / (200)	-	-	-
-	-	-	-	-	-	○ 147 / (200)	-	-	-
○ 40 / (54)	○ 40 / (54)	○ 40 / (54)	○ 40 / (54)	○ 100 / (136)	○ 100 / (136)	○ 100 / (136)	-	-	-
-	-	-	-	-	-	○ 147 / (200)	-	-	-
● 42 / (57)	● 50 / (68)	● 50 / (68)	● 50 / (68)	● 110 / (150)	● 110 / (150) *	● 110 / (150) *	-	● 110 / (150)	-
-	-	-	-	-	-	○ 110 / (150)	-	-	-
-	-	-	-	-	-	○ 125 / (170)	-	-	-
○ 35 / (48)	○ 35 / (48)	○ 35 / (48)	○ 35 / (48)	○ 88 / (120)	○ 88 / (120)	○ 88 / (120)	-	-	-
-	-	-	-	-	-	○ 110 / (150)	-	-	-

○ shaft profile DIN 9611 - 1 3/8" - 6 | direction of rotation to the right in driving direction | * Sauter Front PTO for original JD Front Linkage | ** Sauter Front Linkage is compatible with original John Deere front PTO

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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