



PERFECTION DOWN TO THE SMALLEST DETAIL

Front Linkages  
Front PTOs

# JOHN DEERE

# 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 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	

# Perfection down to the smallest detail



John Deere 5055 - 5075E	John Deere 5080 - 5100 GF / GV	John Deere 5080 - 5090 G / GH	John Deere 5085M - 5105M (USA)	John Deere 5080 - 5100 M / R / RN	John Deere 6230 - 6430	John Deere 6530 - 6630	John Deere 6830 - 6930	John Deere 7430 - 7530	John Deere 7730 - 7930	John Deere 8245 - 8345 R / RT
2	2	2	2	2	2	2	2	2	2	2
25 (2,5)	21 (2,1)	25 (2,5)	21 (2,1)	28 (2,8)	35 (3,5)	38 (3,8)	38 (3,8)	45 (4,5)	50 (5,0)	50 (5,0)
17 (1,7)	15 (1,5)	17 (1,7)	15 (1,5)	18 (1,8)	20 (2,0)	25 (2,5)	25 (2,5)	30 (3,0)	33 (3,3)	33 (3,3)
○	○	○	●	●	●	●	●	●	●	●
○	○	○	●/○	●/-	●/○	●/○	●/○	●/○	●/-	●/-
○2	○2	○2	●2	●2	●3L	●3L	●3L	●3L	●3L	●3L
2 / M30	2 / M30	2 / M30	2 / M30	2 / M30	2 / M30	2 / M30	2 / M30	2 / M36x3	2 / M36x3	2 / M36x3
●	●	●	●	●	●	●	●	●	●	●
●1000/2,06	●1000/2,06	●1000/2,06	●1000/2,06	●1000/2,1	●1000/2,1	●1000/2,1	●1000/1,93	●1000/1,93	●1000/1,91	-
-	-	-	-	-	-	-	○1000/1,93	○1000/1,93	-	-
○540/3,06	○540/3,06	○540/3,06	○540/3,06	○1000/1,63	○1000/1,63	○1000/1,63	○1000/1,63	○1000/1,63	-	-
●52/(71)	●74/(100)	●74/(100)	●74/(100)	●147/(200)	●147/(200)	●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)	○100/(136)	○100/(136)	-	-
●42/(57)	●50/(68)	●50/(68)	●50/(68)	●110/(150)	●110/(150)	●110/(150)	●110/(150)	●110/(150)	●110/(150)	-
-	-	-	-	-	-	-	○125/(170)	○125/(170)	-	-
○35/(48)	○35/(48)	○35/(48)	○35/(48)	○88/(120)	○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

# 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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