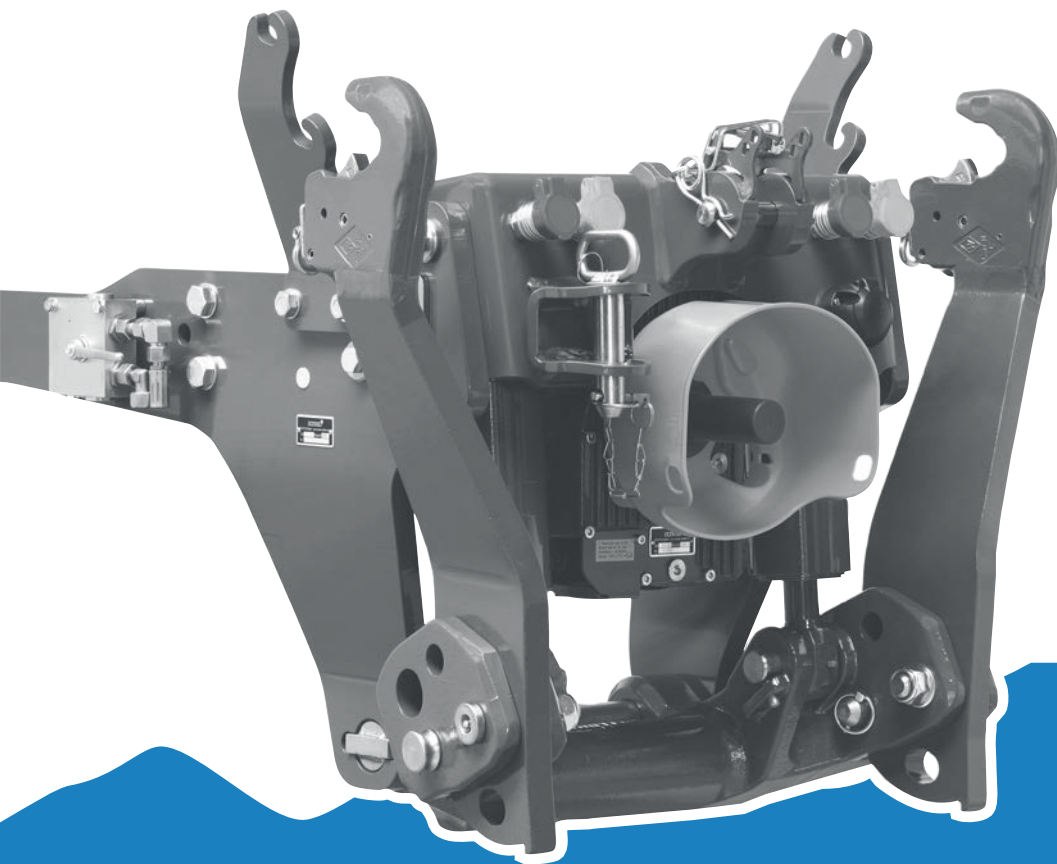


JOHN DEERE
Front Linkage
Front PTO



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
- ▶ Today's right decision for the demands of tomorrow

SAUTER Front Linkage

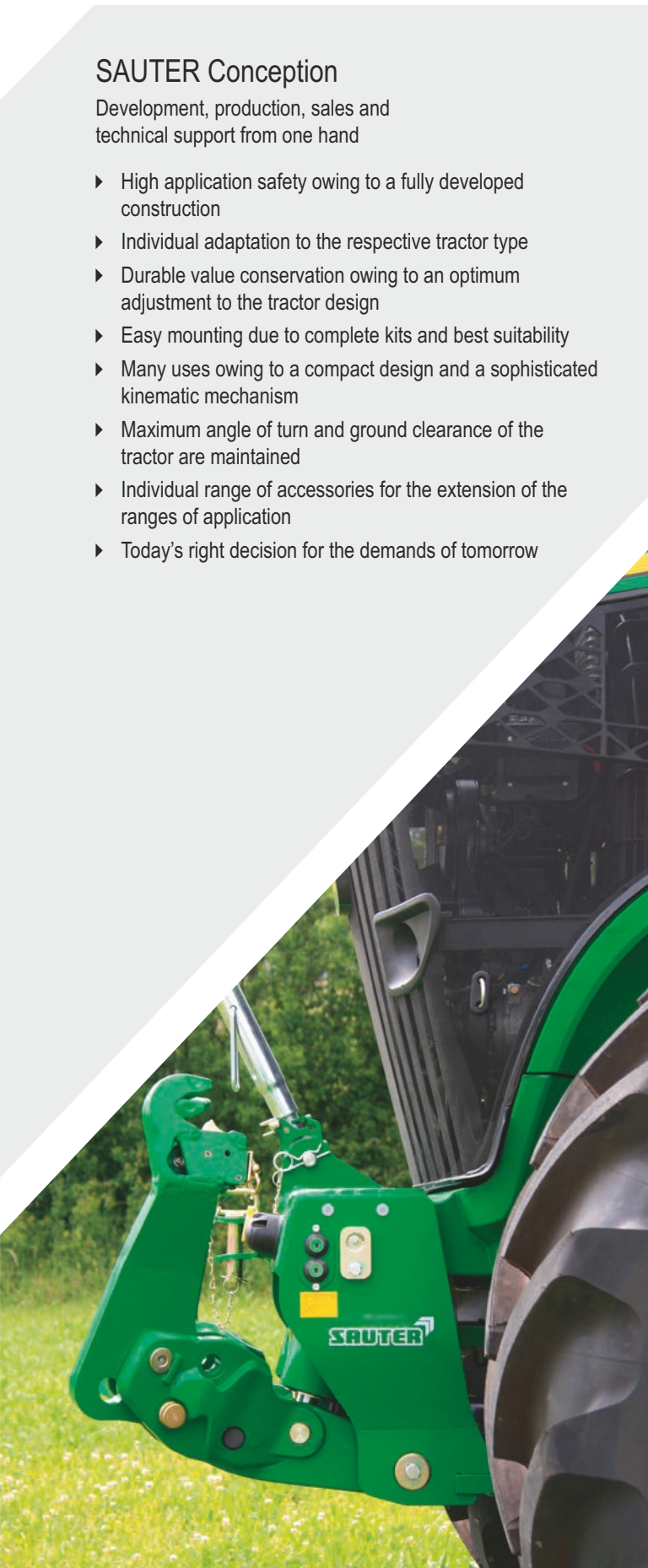
A name known in agriculture

- ▶ 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
- ▶ 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



Perfection down to the smallest detail

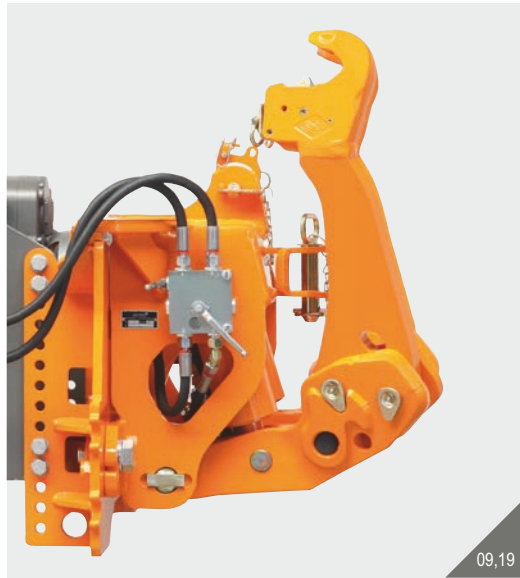




12



17



09,19



10



03



18



08



13



16



01

SAUTER Front PTO

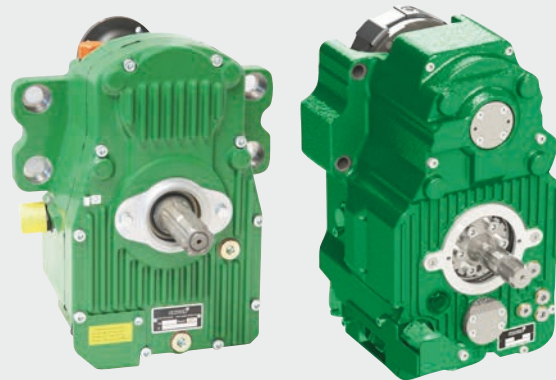
Always perfectly matches your application

Concentrated power
continuous output of 35 kW (48 HP)
up to 125 kW (170 HP)
up to 150 HP without oil cooler

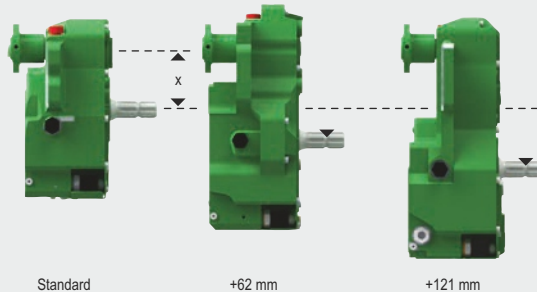
The gear ratio
matching to the engine speed and rear PTO
thereby economical and fuel-efficient
Ratios from $i = 1.91$ to 2.06
for eco PTOs from $i = 1.61$ to 1.63

The gearbox
available with a larger shaft displacement (X)
for a lower PTO shaft
for series 6R tractors

The driveline
designed with high-quality components



1000 / 1000 ECO (switchable)



Standard

+62 mm

+121 mm



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	
as above switchable	
Max. PTO power kW (HP)	
as above	
as above	
as above ECO	
as above ECO	
as above switchable	
Max. continuous power kW (HP)	
as above	
as above	
as above ECO	
as above ECO	
as above switchable	

• standard version | ◦ on request | - not available
Design and function of our products are being



SAUTER Options

Individual solutions,
even for special demands

01. Telescopic top link
02. Tractor triangle
03. Holders for mower relief springs
04. Light socket 7 poles
05. Hydraulic pipes at the front
06. Front remote
07. Strip for options
08. Hydraulic accumulator
09. Reversing valve with reducing throttle
10. Reversing switch
11. Control from the front
12. Comfort control
13. Hydraulic implement relief
14. Auxiliary headlights
15. Pressure gauge kit
16. Push rod
17. Ballast container
18. Ballast support
19. Wide option range for municipal use

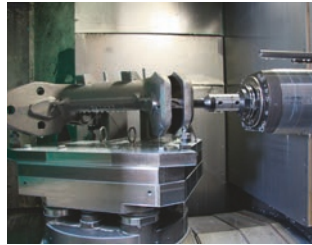
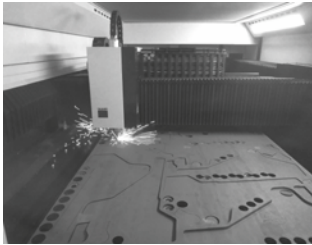
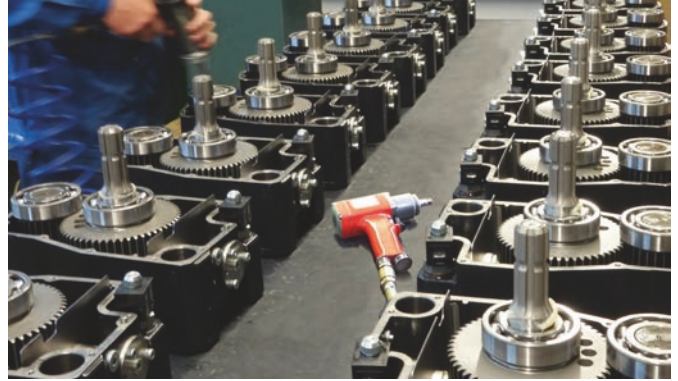
John Deere 5055 - 5075E	John Deere 5080 - 5090 G / GH	John Deere 5075 - 5105 GF / GN / GV	John Deere 5075 - 5085 GL	John Deere 5075M - 5115M with/without preparation of front axle support	John Deere 5090R - 5125R with/without preparation of front axle support	John Deere 6095 - 6115RC/MC 6110R/M - 6130R/M	John Deere 6135R/M - 6195R/M 6215R	John Deere 7210R - 7310R with preparation of front axle support**	John Deere 7210R - 7310R without preparation of front axle support	John Deere 8245 - 8400R 8320 - 8370RT
2 / o 1	2	2	2	2	2	2	2	2	2	2
23 (2.3)	25 (2.5)	25 (2.5)	20 (2.0)	28 (2.8)	28 (2.8)	35 (3.5)	45 (4.5)	55 (5.5)	50 (5.0)	50 (5.0)
15 (1.5)	17 (1.7)	17 (1.7)	12.5 (1.25)	18 (1.8)	18 (1.8)	20 (2.0)	30 (3.0)	35 (3.5)	33 (3.3)	33 (3.3)
o	.	.	.	.	.	.	.	.	.	.
o / -	. / -	. / -	. / -	. / o	. / o	. / o	. / o	. / o	. / o	. / o
• 2	• 2	• 2	• 2	• 2	• 2	• 3L	• 3L	• 3L	• 3L	• 3L
2 / M30	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 / 1.94 / 97.5	• 1000 / 1.94 / 97.5	• 1000 / 1.93 / 124	• 1000 / 1.93 / 124 *	-	• 1000 / 1.91 / 380	-
-	-	-	-	-	-	-	o 1000 / 1.93 / 186	-	-	-
-	-	-	-	-	-	-	o 1000 / 1.93 / 245	-	-	-
o 540 / 3.06 / 97.5	o 540 / 3.06 / 97.5	o 540 / 3.06 / 97.5	o 540 / 3.06 / 97.5	-	-	o 1000 / 1.63 / 124	o 1000 / 1.63 / 124	-	-	-
-	-	-	-	-	-	-	o 1000 / 1.61 / 186	-	-	-
-	-	-	-	-	-	-	o 1000 / 1000 ECO / 1.91 / 1.61	-	-	-
• 52 / (71)	• 74 / (100)	• 74 / (100)	• 74 / (100)	• 88 / (120)	• 88 / (120)	• 147 / (200) *	• 147 / (200) *	-	• 125 / (170)	-
-	-	-	-	-	-	-	o 147 / (200)	-	-	-
-	-	-	-	-	-	-	o 147 / (200)	-	-	-
o 40 / (54)	o 40 / (54)	o 40 / (54)	o 40 / (54)	-	-	o 100 / (136)	o 100 / (136)	-	-	-
-	-	-	-	-	-	-	o 147 / (200)	-	-	-
-	-	-	-	-	-	-	o 176 / (240)	-	-	-
• 42 / (57)	• 50 / (68)	• 50 / (68)	• 50 / (68)	• 50 / (68)	• 50 / (68)	• 110 / (150) *	• 110 / (150) *	-	• 110 / (150)	-
-	-	-	-	-	-	-	o 110 / (150)	-	-	-
-	-	-	-	-	-	-	o 125 / (170)	-	-	-
o 35 / (48)	o 35 / (48)	o 35 / (48)	o 35 / (48)	-	-	o 88 / (120)	o 88 / (120)	-	-	-
-	-	-	-	-	-	-	o 110 / (150)	-	-	-
-	-	-	-	-	-	-	o 100 / (136)	-	-	-

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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