

# COMPACTLINE



FRONT LOADER  
TURNS LITTLE INTO BIG!



**STOLL**  
The Loader Specialist.









## ADDED VALUE FOR SMALL TRACTORS

Confined spaces, small areas and narrow alleys. Small tractors feel comfortable here. It's all about manoeuvrability with simultaneous power and endurance.

Are you using a small tractor? Are you a representative of a municipality, a service provider, run a small farm, a horse farm or grow fruits or make wine? Then you surely know: a small compact tractor becomes perfect only with the matching front loader. Preferably, one with quality: The STOLL CompactLine!

» **Let's go the whole way: like all others, the new FC 150 also has its own Skid Steer change frame for the corresponding implement programme. Flexibility and versatility are important to us.** «

STOLL combines its technological expertise with what customers today demand in terms of ease of use: The CompactLine offers a wide variety of models, from the smallest lift arm for tractors of between 15 and 25 HP up to the larger versions FC 550 H and P for tractors of around 60 HP.



## QUALITY COMES FROM EXPERTISE

Who opts for a STOLL, knows: here the entire technological competence plays a role. High reliability, excellent quality, excellent visibility thanks to a well thought-out construction – this is the CompactLine.

» **The Compact customer wants quality – when investing in a loader, they want to have something neat. This ensures a long service life. Then, there is the exact fit of the attachment parts, which we have developed – so the installation in the workshop of our dealer is quick and easy! «**

- High loading power due to double acting rams
- Best comfort for the driver with the display of the implement angle
- Quick and easy attachment and detachment of the loader with the “swing-in” system
- High stability: The torque tube is inserted through the lift arm boom
- The parking system is easy to handle, without tools
- Implement locking to command on both sides of the quick-change frame
- Diversity for all tasks – by means of the special implement programme for this series
- In addition, it can be equipped with practical accessories – such as the third control circuit, Comfort-Drive or the anti-lowering device
- Quick change frame Skid Steer



- 1 Installing and removing by means of the swivel system
- 2 Dual-action lifting cylinder for a high lifting capacity
- 3 Best tipping angles (dump/crowd) with visual indicator for the implement angle
- 4 Mechanical self-levelling for the P-loaders
- 5 Cross bar slotted through the struts provides stability
- 6 3rd control circuit on request
- 7 Safe and reliable parking system with easy handling – no tools required
- 8 Strong quick-release frame with implement interlocks which can be operated at both sides







# COMPACT CAN ALSO BE COMFORTABLE!

Our goal is to offer front loaders with maximum comfort and intuitive ease of use, precisely in the booming compact class. Quality and durability are performance commitments that are essential for you.

Because you work professionally in what you do, we have achieved the corresponding functions and features in the STOLL CompactLine, so you can focus on your tasks.

## STOLL Swivel-in system



The loader and tractor are securely fastened to each other using the special swing-in system.



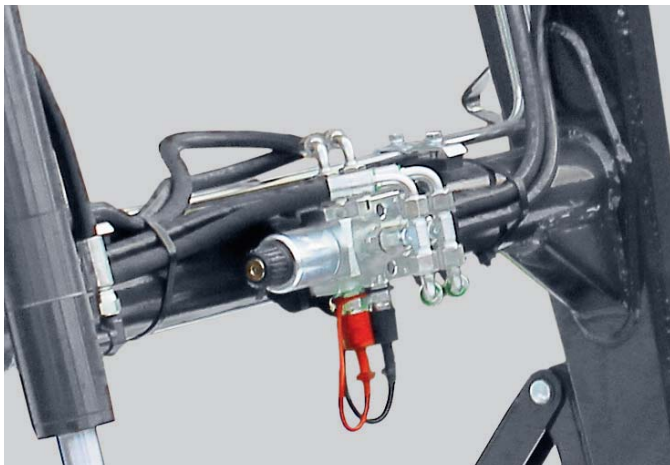
With just a few steps the front loader is parked. By means of the control device, the attachment column is swivelled out of the attachment, the parking jacks are lowered and the hydraulics are disconnected.





3rd control circuit (here as a plug-in coupling)

Anti-lowering guard



For easy handling of hydraulic implements like the shovel, top loading grip, bucket with grapple, grip fork or bale lifting fork.

Prevention of the sudden lowering of the front loader; meets the requirements of EN 12525/A1.



# BUMPY ROADS – GENTLY IN THE SADDLE WITH COMFORT-DRIVE



## Smooth driving also on uneven terrain – thanks to the damping system Comfort-Drive

- Whether on roads or fields: wherever the ground is uneven, Comfort-Drive can be used.
- This feature reduces the shocks of loader and implement – less stress for the vehicle. Even the back of the driver says thank you.
- Good to know: because the hydraulic accumulator is installed below the lift arm, the view is not obstructed by external parts.
- Conclusion: Comfort-Drive is a high-level solution by STOLL.

## How does Comfort-Drive work?

A nitrogen accumulator is installed below the torque tube. It is partly filled with oil, and partly filled with nitrogen. Oscillations arising during the ride are cushioned by spreading the nitrogen and pushing back the oil. The advantage: in daily use, Comfort-Drive is particularly robust and effective.





### How the implement attachment becomes a short pit stop



**1** Drive up and hook on the front loader



**2** Tilt the implement



**3** Lock the implement on both sides

### Skid Steer quick change frame



The Skid Steer quick change frame for all loaders of the CompactLine series makes implement changes fast and easy.




# COMPACT LOADER, LARGE SELECTION – THE IMPLEMENT PROGRAM FOR THE COMPACTLINE


Ideal for all tasks – the CompactLine convinces even in narrow space conditions:

- Shovelling, gripping or loading – STOLL implements offer the right solution for every task. Around the house and farm, forestry, gardening and landscaping!
- So that the driver has a clear view of the work area, all implements have a Skid Steer attachment.
- Even small vehicles have power: The lightweight and compact construction of our implements fit perfectly with the CompactLine.

**Bucket** – for all loading work

	Order no.	Width in m	Height in m	Depth in m	Volume level heap in m <sup>3</sup>	Volume heaped in in m <sup>3</sup>	Weight in kg	
	3634460	1,22	0,45	0,46	0,15	0,17	70	
	3533440	1,22	0,57	0,60	0,18	0,21	100	
	3495570	1,40	0,57	0,60	0,21	0,24	108	
	3478580	1,57	0,57	0,60	0,27	0,31	118	
	3478590	1,74	0,57	0,60	0,30	0,35	130	


**Levelling and grabbing bucket (4-in-1)** – four functions at once: shovelling, grabbing, levelling, rapid emptying

	Order no.	Width in m	Volume heaped in m <sup>3</sup>	Weight in kg				
	3490770	1,40	0,19	145				
	3490780	1,57	0,22	160				


**3rd control circuit required**



**Bucket with grapple** – the universal gripper, thanks to the closed bottom wet material can also be transported

	Order no.	Width in m	Height in m	Depth in m	Opening width in mm	Weight in kg		
	3535300	1,20	0,67	0,60	950	115		
	3535310	1,45	0,67	0,60	950	130		
<b>3rd control circuit required</b>								

**Fork with grapple** – ideal to retrieve and load manure, compost, shrubs and silage

	Order no.	Width in m	Height in m	Depth in m	Opening width in mm	Weight in kg		
	3535320	1,20	0,69	0,61	950	120		
	3535330	1,45	0,69	0,61	950	135		
<b>3rd control circuit required</b>								

**Grip fork** – a must in forestry and landscape conservation: with its strong teeth, it grabs bulky tree trunks and branches


	Order no.	Width in m	Opening width in mm	Weight in kg				
	3508220	1,15	870	130				
	<b>3rd control circuit required</b>							

**Manure fork** – for loading of farmyard manure and compost


	Order no.	Width in m	Height in m	Depth in m	Weight in kg			
	3509620	1,21	0,56	0,67	68			
	3535290	1,45	0,56	0,67	79			




### Bale spike – compact bale handling in narrow courtyards or stables

	Order no.	Tine in mm	Weight in kg						
	3486330	800	60						
	<b>Frame</b>								
	3486100	–	36						
	<b>Bale tine (per unit)</b>								
	3486320	800	12						
	<b>Optional pallet tine (per unit)</b>								
	3486290	800	12						

### Pallet fork – the classic to load pallets


	Order no.	Lifting capacity in kg	Tine in mm	Weight in kg					
	3486070	1.000	800	60					
	<b>Frame</b>								
	3486100	500	–	36					
	<b>Bale tine (per unit)</b>								
	3486290	500	800	12					
	<b>Optional pallet tine (per unit)</b>								
	3486320	800	800	12					

### Top loading grip – the ideal complement to the pallet fork, to retrieve or load logs

	Order no.	Opening width in mm	Weight in kg					
	3520780	870	40					

For CompactLine pallet fork (has to be ordered separately) | **3rd control circuit required**

### Log grapple – grab and load logs individually


	Order no.	Width in m	Opening width in mm (max.)	Weight in kg					
	3556810	0,29	750	115					
	<b>Log grapple without arm (can be combined with arm of shovel)</b>								
	3611140								
	<b>Rotator optional</b>								
	3601520								

**3rd control circuit required**






**Shovel** – dig narrow, deep trenches – up to 1,16 m below ground level

	Order no.	Width in m	Working depth below ground (m)	Swivel angle	Weight in kg			
	3557480	0,30	1,16	118 °	105			
	<b>Shovel without arm (can be combined with arm of log grapple)</b>							
	3611160							
	<b>Lift arm Ditching shovel</b>							
	3599580	0,80						
<b>3rd control circuit required</b>								


**Three-point-adapter** – for the rear mounting of implements for the CompactLine on to tractors

	Order no.	Payload in kg	Weight in kg					
								
	3601100	500	38					

**Attachment frame Euro-Skid** – mount implements with Euro-attachment on a Skid Steer suspension

	Order no.	Weight in kg						
	3547310	23,5						

**Implement adapter for John Deere Compact Front Loader** – real STOLL quality on John Deere compact loaders

	Bestell-Nr.	Gewicht in kg						
	3571680	30						

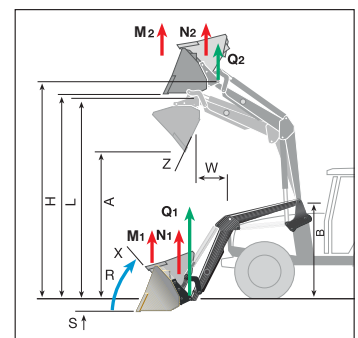


# ARE YOU A FAN OF TECHNOLOGY? ALL DATA AT A GLANCE!

FC CompactLine				FC 150			FC 250		FC 350		FC 450		FC 550	
Type				L	P	H	P	H	P	H	P	H	P	H
Suitable for tractors with kW / hp power			kW HP	11-18 15-25			7-22 10-30		15-37 20-50		26-40 35-55		29-44 40-60	
Tractor weight			kg	700-1000			800-1300		1.100-1.600		1.500-2.000		1.800-2.300	
Lifting power in implement pivot point	bottom top	Q1 Q2	daN	435 350			640 * 540		950 * 790		970 * 920		1.170 * 1.120	
Lifting force (bucket) 300mm in front of pivot	bottom top	N1 N2	daN	335 265	390 310	335 265	570 480	510 420	850 710	760 630	870 820	800 740	1.050 1.010	980 910
Lifting force (pallet) 700mm in front of pivot	bottom top	M1 M2	daN	260 200	365 295	260 200	540 450	410 330	800 670	610 490	820 780	650 590	990 950	810 730
Breakout force 900 mm in front of pivot		R	daN	370	560	590	850	600	960	960	1.010	920	1.430	
Maximum lift height in the implement pivot point		H	mm	2000			2.290		2.435		2.590		2.800	
Overloading height		L	mm	1875	1845	1845	2.130		2.275	2.260	2.425		2.630	
Emptying height		A	mm	1.640	1.340	1.400	1.510	1.580	1.655	1.670	1.805	1.840	2.020	
Emptying width		W	mm	500	220	440	250	550	250	350	300	550	500	
Digging depth		S	mm	50	75	75	85		105		110		120	
Lifting arm pivot		B	mm	998			1.196		1.196		1.216		1.276	
Tipping angle (crowd)	bottom	X	° degrees	25	48	37	40	39	38		41		41	
Tipping angle (dump)	top	Z	° degrees	29	71	50	80	53	74	65	74	50	70	
Pump rating			l / min.	15			20		25		30		40	
Lifting time			sec.	2,5			2,7		3,4		3,3		3,2	
Crowd time, implement	bottom		sec.	1,1	1,4	1,2	1,5	1,1	1,1		1,3		1,1	
Dump time, implement	top		sec.	1,7	2,0	1,8	2,1	1,7	1,6		2,0		1,8	
Weight, loader arm without implement			kg	105	165	145	205	185	230	210	270	250	290	270

The illustrated data represents an average. Data may differ depending on the model of the tractor.  
For the FC 150, the hydraulic pressure is 140 bar, for all other front loaders it is 170 bar.

\*Due to the risk of the tractor tipping over, work with the front loader should only be carried out if there is adequate weight at the rear.







FC-P lift arm with mechanical self-levelling



FC-H lift arm without self-levelling

Implements	Order no.					
		FC 150 H/P	FC 250 H/P	FC 350 H/P	FC 450 H/P	FC 550 H/P
Bucket 1,22 Skid Steer	3533440		•	•		
Bucket 1,22 Skid Steer	3634460	•	•			
Bucket 1,40 m Skid Steer	3495570			•	•	
Bucket 1,57 m Skid Steer	3478580			•	•	•
Bucket 1,74 m Skid Steer	3478590				•	•
Bucket with grapple 1,20 m Skid Steer	3535300	•	•	•	•	
Bucket with grapple 1,45 m Skid Steer	3535310			•	•	•
Fork with grapple 1,20 m Skid Steer	3535320	•	•	•	•	
Fork with grapple 1,45 m Skid Steer	3535330			•	•	•
Bale spike Skid Steer	3508220	•	•	•	•	•
Pallet fork cpl. Skid Steer	3486330	•	•	•	•	•
Framework for pallet/bale, loose	3486070	•	•	•	•	•
Rahmen für Paletten/ Ballen lose	3486100	•	•	•	•	•
Tines for pallet frame, loose	3486290	•	•	•	•	•
Tines for bale spike, loose	3486320	•	•	•	•	•
Top loading grip	3520780	•	•	•	•	•
Manure fork 1,21 m Skid Steer	3509620	•	•	•	•	•
Manure fork 1,45 m Skid Steer	3535290		•	•	•	•
Levelling and grabbing bucket (4-in-1) 1,40 m Skid Steer	3490770		•	•	•	•
Levelling and grabbing bucket (4-in-1) 1,57 m Skid Steer	3490780				•	•
Log grapple Skid Steer	3556810			•	•	•
Scoop Skid Steer	3557480			•	•	•



Subject to modifications. Some photographs show optional equipment.



**STOLL**

**Der Frontlader-Spezialist.**

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