

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

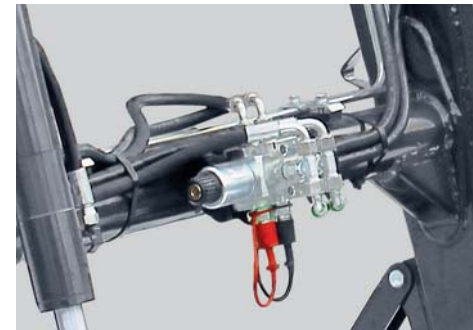


The loader and tractor are securely fastened to each other using the special swing-in system.



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)



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

Anti-lowering guard



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



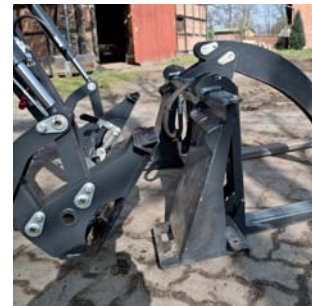
Smooth driving also on uneven terrain – thanks to the damping system Comfort-Drive

- 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.

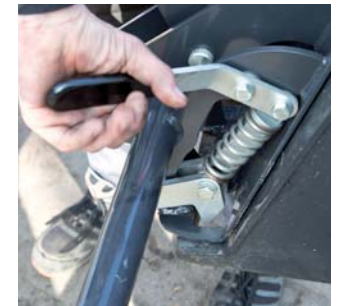
How the implement attachment becomes a short pit stop



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 m³	Volume heaped in m³	Weight in kg	
	3616990*	1,22	0,45	0,46	0,15	0,17	70	
	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	
* only for CompactLine FC 150 L / ** only for CompactLine FC 150 P + H								

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

	Order no.	Width in m	Volume heaped in m³	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		
3rd control circuit required								

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		
3rd control circuit required								

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				
3rd control circuit required								

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.	Lifting capacity in kg	Tine in mm	Weight in kg				
	3486330	1.00	800	60				
	Frame							
	3486100	–	–	36				
	Bale tine (per unit)							
	3486320	500	800	12				
	Optional pallet tine (per unit)							
	3486290	500	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				
	Frame							
	3486100	–	–	36				
	Bale tine (per unit)							
	3486290	500	800	12				
	Optional pallet tine (per unit)							
	3486320	500	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				
	Log grapple without arm (can be combined with arm of shovel)							
	3611140							
	Rotator optional (valve for 4th control circuit included)							
	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			
	Shovel without arm (can be combined with arm of log grapple)							
	3611160							
	Lift arm Ditching shovel							
	3599580	0,80						
	3rd control circuit required							


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						

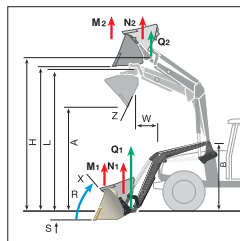


ARE YOU A FAN OF TECHNOLOGY? ALL DATA AT A GLANCE!

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			15-26 20-35			18-37 25-50			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			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		
Overloading height		L	mm			1875	1845	1845	2.130			2.275			2.425		
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			120		
Lifting arm pivot		B	mm			998			1.196			1.196			1.216		
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		
Lifting time			sec.			2,5			2,7			3,4			3,3		
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 Pin On	3616990	•				
Bucket 1,22 Skid Steer	3634460	•				
Bucket 1,22 Skid Steer	3533440		•	•		
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 illustrations show optional equipment. Front loaders must always be parked using an appropriate implement. This has not been shown on some images for illustrative purposes. The STOLL accessories and components offered are provided solely for the purpose of the intended operation with STOLL front loaders.



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