

FE ECOLINE.

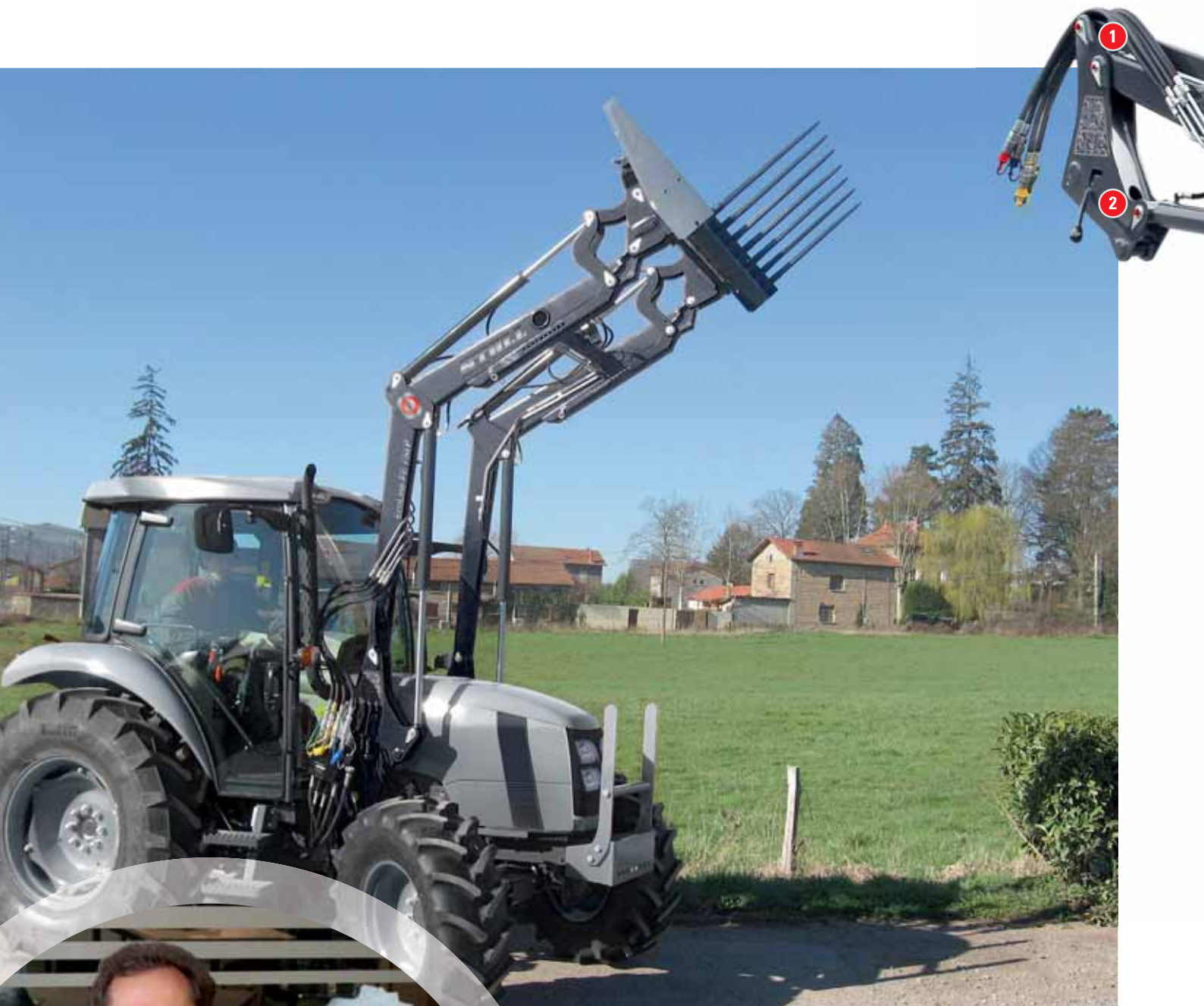


**STOLL**

The Loader Specialist.

# EVERYTHING A FRONT LOADER NEEDS.

STOLL FE Ecoline front loaders are the number one choice for semi-professional use.



“There are two things that impress me about a STOLL front loader: its amazing simplicity and the team that supports us in the sales process. Absolutely everything really comes together with STOLL.”

*Wilhelm Betten, Landtechnik Betten, Büren*



- 1 All bearings have composite bushes and can be greased from the outside.
- 2 Fast attachment and removal.
- 3 Double-action loader cylinders.
- 4 Mechanical parallel control on the P loaders.
- 5 Level Indicator.
- 6 Cross bar slotted through the struts provides stability.
- 7 High quality parking system with sturdy parking supports.
- 8 Strong quick-release frame with implement interlocks which can be operated centrally (Euro) or at both sides (Skid Steer).

### Professional front loader for sideline enterprises

For many years, STOLL front loader technology has stood for excellent products, innovative technology, professional processing and the use of high quality materials. At the same time, not every operation, whether in agriculture or landscaping, needs a front loader for the toughest of tasks. Thanks to the expertise of the STOLL engineers, no compromises have been made in developing the EcoLine series. Because even sideline enterprises do not want to compromise on quality. That is why STOLL offers the FE EcoLine front loader, a loader for general basic requirements with a remarkable price/performance ratio, available in four sizes for tractors from 35 to 80 kW (45-110 hp). The EcoLine front loaders from the P-series are equipped with a mechanical parallel linkage. Noteworthy are their excellent lifting powers and STOLL's legendary tilting and tipping angles.

### Sturdy quick-fit frame (either Euro or Skid Steer) for a safe operation with fitted tools

The bolt on the Euro-tool quick-fit frame is locked and unlocked centrally from the middle. Easy and safe.

### Parking supports ensure stable positioning

The parking system with the stable parking supports has been specially developed for the EcoLine Front Loader. No tools are required for handling. To unfold, simply remove a pin and lock the supports in the correct parking position using the same pin. To retract, simply follow the reverse procedure. When retracted, the parking supports nestle against the loader arm.

# A STOLL THROUGH AND THROUGH.

Professional, even down to the details.



### All bearings with bushes

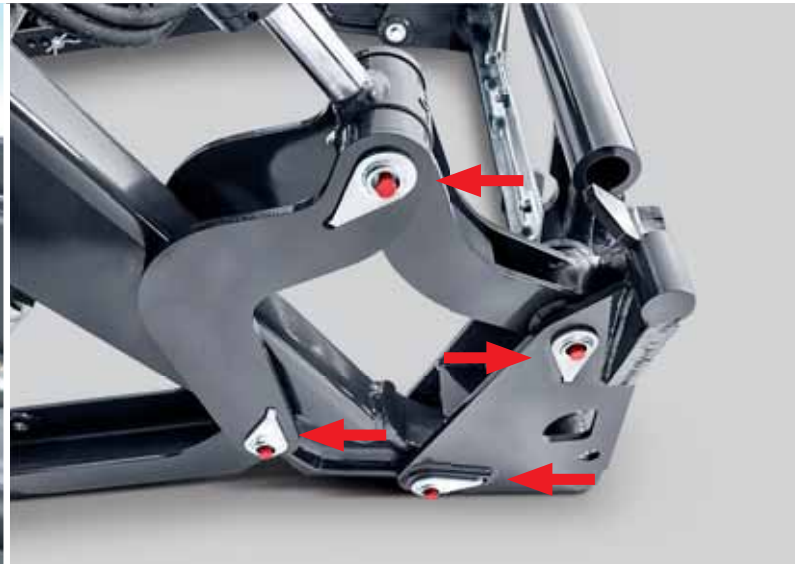
At STOLL this also goes without saying in the FE EcoLine front loaders. All the bearings are bushed with composite bushings and can be easily lubricated from the outside. This provides security even if the front loader is not used on a daily basis.

### No compromise in its function

This has always been a strength with all STOLL constructions. In order to fill up the bucket properly, you need a good tilting angle to the ground. To empty in the uppermost position, the bucket must be able to tilt heavily – so that even sticky loads can be completely removed from the bucket.



*The loader can be attached and removed quickly.*



*No compromises on service life: all bearings have composite bushes and can be greased from the outside.*



*COMFORT-DRIVE: Prevents the tractor from jerking in pitching motions during transport when a front loader is fitted. Protects the driver and the tractor (can also be retrofitted).*



*Skid Steer quick-release frame.*

# WELL-THOUGHT-OUT CONTROLS.

Guaranteed to work productively.



“ STOLL front loaders offer the best technology for all my work: the tilting and tipping angles are also perfect for handling sticky sludge. The bucket is always full, and the transfer height and width are a perfect fit for my customers. ”

*Volker Schröder, Brakel*



*Euro quick-release frame with central locking  
(with Skid Steer as an option).*



*Third control circuit to operate hydraulic tools, e.g. with the gripping function  
(can be retrofitted on request).*



*Excellent crowd angles: ECO 650/750: 43°. ECO 850/950: 46°.*



*Very good dump angles: ECO 650/750: 63°. ECO 850/950: 58°.*

# FRONT LOADERS AND TOOLS, PERFECTLY

The special Global range for light-duty tools.



# MATCHED.

## Lightweight bucket

The lightweight bucket is designed for light and medium-heavy use and has a HARDOX 250 cutting edge. Ideal for loading of loose bulk goods.

## High-volume bucket



The Global high-volume bucket is designed for the use of handling bigger quantities of pourable agricultural goods and uses HARDOX 250 cutting edge.

## Bale spike - for round and square bales

The bale spike H is used for transporting round and square bales. The forged tines will be fixed to the frame with 4 tapered locking bushings. Thanks to the frame the bale spike can be used in a very flexible way.

## Wrapped bale handler

Sets of holes permit the gripper arms to be set to match any bale size. Large movable grippers free from sharp edges securely hold the wrapped bales without any damage to the polythene sheet. A load holding valve is in serie.

Implements	Order-No.	Support	Width m	Volume m <sup>3</sup> (level heap)	Volume m <sup>3</sup> (level meas)	Weight kg
	3550490	EURO	1.40	0.45	0.36	99
	3550500	EURO	1.60	0.52	0.41	109
	3550510	EURO	1.85	0.61	0.48	131
	3550520	EURO	2.10	0.70	0.55	171
	Equipped with a EURO quick-fit frame.					
	3551120	EURO	1.40	0.60	0.49	114
	3551130	EURO	1.60	0.69	0.56	127
	3551140	EURO	1.85	0.81	0.65	150
	3551150	EURO	2.10	0.93	0.74	196
	Equipped with a EURO quick-fit frame.					

Implements	Order-No.	Tine mm	Weight kg
Bale spike	Frame (single)	3553590	75
	Tine	1330130	10
	Tine	0476240	6
The bale spike was designed for handling of round- and square bales. Equipped with a EURO quick-fit frame.			



Implements	Order-No.	Weight kg
Wrapped bale handler	3571470	114
	For a round bale diameter of 0.80 m to 1.30 m 3. hydraulic control circuit requires	



# FRONT LOADERS AND TOOLS, PERFECTLY

The special Global range for light-duty tools.



“ I am thoroughly impressed by the Global tools: Excellent quality at an excellent price/performance ratio. Just what I expect from STOLL. ”

*Christian Tönnies, Wolfenbüttel*

# Y MATCHED.


## Big-bale fork

You can safely transport several round and square bales with the big bale fork. It is equipped with foldable tines. The foldable tines can be folded up for a safe journey on public roads when the fork is empty.

Implements	Order-No.	Tine mm	Weight kg
Big bale fork	3560670	1,200 foldable	140
For round and square bales. For a safe journey on public roads when the fork is empty, the tines can be folded up. Equipped with a EURO quick-fit frame.			
			

## Pallet fork

The Global pallet fork was developed for lifting light goods weighing up to 1 ton. It fits in perfectly with the STOLL EcoLine front loaders and provides a cost-effective solution compared to our professional tools. Equipped with pallet tines that are 1,000 mm long.

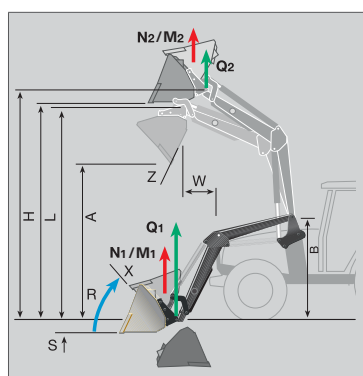
Implements	Order-No.	Lifting capacity kg	Tine mm	Weight kg
Pallet fork	3567980	1,000	1,000	112
Frame	3567990	–	–	58
Pallet tine	3570700	–	1,000	27
				

Implements	Series	Order-No.	Width m	FE 650 P/H	FE 750 P/H	FE 850 P/H	FE 950 P/H
Bucket of lightmaterial	Global	3550490	1.40	•	•		
Bucket of lightmaterial	Global	3550500	1.60		•	•	•
Bucket of lightmaterial	Global	3550510	1.85			•	•
Bucket of lightmaterial	Global	3550520	2.10				•
High-volume bucket	Global	3551120	1.40	•	•		
High-volume bucket	Global	3551130	1.60		•	•	•
High-volume bucket	Global	3551140	1.85			•	•
High-volume bucket	Global	3551150	2.10				•
Bale spike	Global	3553590		•	•	•	•
Wrapped bale handler	Global	3571470		•	•	•	•
Big bale fork	Global	3560670		•	•	•	•
Pallet fork	Global	3567980		•	•	•	•

# TECHNICAL DATA.

FEcoLine			FE 650		FE 750		FE 850		FE 950		
	Type		H	P	H	P	H	P	H	P	
Suitable for tractors with kW/hp output			kW PS	35-50 45-65		40-60 55-80		50-75 65-100		55-80 75-110	
Lifting force at implement pivot	bottom top	Q1 Q2	daN	1,480 1,160		1,720 1,210		1,860 1,340		1,990 1,460	
Lifting force (bucket) 300 mm in front of pivot	bottom top	N1 N2	daN	1,240 950	1,480 1,160	1,450 1,000	1,720 1,210	1,590 1,120	1,860 1,340	1,720 1,230	1,990 1,460
Lifting force (pallet) 900 mm in front of pivot	bottom top	M1 M2	daN	940 700	1,480 1,160	1,100 740	1,720 1,210	1,230 840	1,860 1,340	1,360 940	1,990 1,460
Breaking force 900 mm in front of pivot		R	daN	1,510	1,780	1,490	2,190	2,010	2,240	2,010	2,480
Max. lifting height at implement pivot		H	mm	3,010		3,460		3,760		4,080	
Overloading height		L	mm	2,800		3,250		3,550		3,870	
Emptying height		A	mm	1,920		2,390		2,710		3,040	
Emptying range		W	mm	600		650		700		785	
Digging depth		S	mm	210		210		210		210	
Rocker arm pivot		B	mm	1,400		1,660		1,780		1,930	
Tipping angle (crowd)	bottom	X	° degr	43		43		46		46	
Tipping angle (dump)	top	Z	° degr	63		63		58		58	
Pump rating			l/min.	50		50		50		60	
Lifting time			sec	4		4		5		5	
Tilting time, implement	bottom		sec	1.5		1.5		1.5		1.5	
Tipping time, implement	top		sec	1.7		1.7		1.7		1.7	
Tipping time, implement			kg	275	315	290	335	315	355	345	395

H = Frontloader without parallel linkage, P = Frontloader with mechanical parallel linkage  
EcoLine frontloader: for tractors from 35 - 80 kW (45 - 110 PS), max. 4 cylinder, 4 t net weight.



## STOLL

The Loader Specialist.

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Subject to modifications. Some photographs show optional equipment.

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