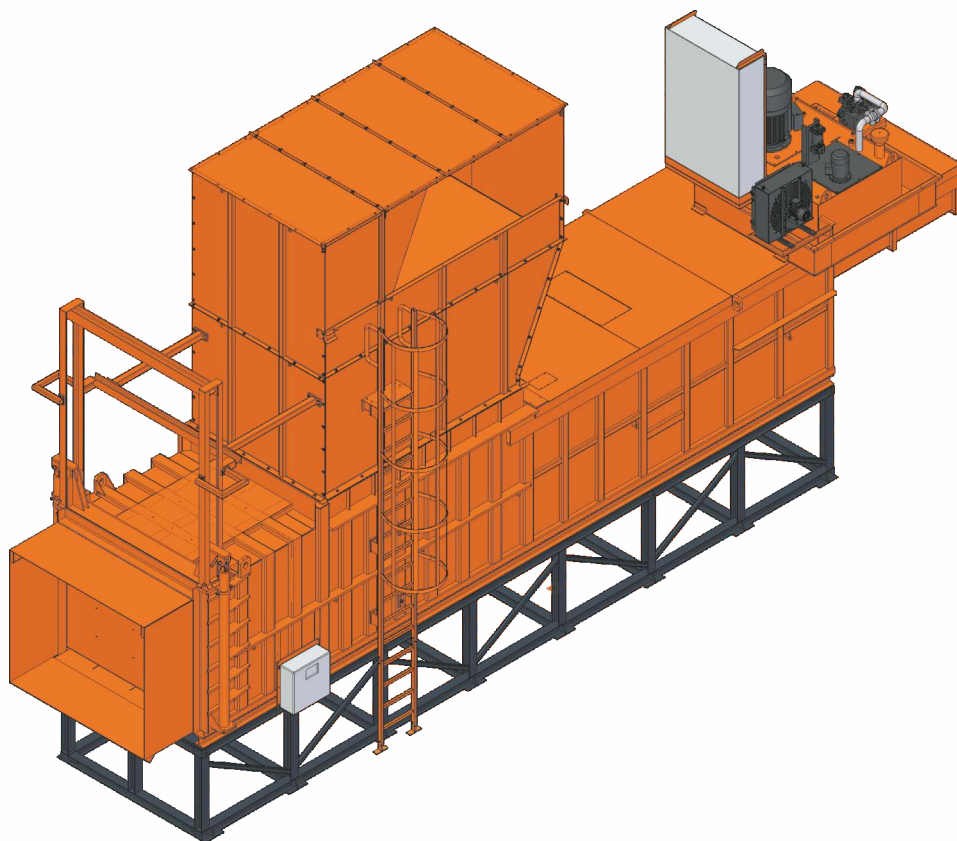


Transfer stations

STV

Issued: 2018-04





45 million tons of waste is produced only by the German people per year - If this quantity was loaded in garbage trucks and they were placed one after another, they would reach all around the earth once.

With this, we are less about the quantity of waste than we are about handling of it: Waste material is no refuse - in waste material we see a valuable raw material. To be able to recycle this raw material, fully developed system solutions are required.



The L&M transfer stations of series STV are used in places where large quantities of residual material and recyclable raw material must be loaded and highly compacted prior to transport.

This allows optimum utilization of the permissible load capacity of transport vehicles and with this, cost-effective transport. It is suitable for compacting of residual waste, industrial waste, organic waste, film, paper and cardboard articles.

Due to the various sizes as well as the extended range of accessories, the static compacting systems of this design can ideally be used for the most different requirements. In addition, the optional pre-chamber compaction system allows higher compaction directly in the plant and with this, it provides additionally increased loading capacities.



The transfer stations of this series comply with the applicable standards and directives.



Production is guaranteed in our parent plant in Germany and the deployment of qualified personnel and most modern robot welders, as well as a standardized fixture construction provide for consistently high quality.

Supplied as standard

- Horizontal compaction system
- Compaction chamber bottom of highly wear-resistant steel
- Switching off of compaction ram when retracted, filling opening is remains free
- Stripper above the compaction ram
- External hydraulic unit
- Hydraulic pump with only 63 dB(A)
- Pressure monitoring manometer with shut-off valve
- Shutdown due to lack of oil or wrong temperature
- CEE socket with integrated phase change & main switch
- Control cabinet with control elements & electrical connection, installed on the right side in pressing direction.
- Timer for controlling the runtime of the compactor
- Declaration of conformity & documentation in German
- One-colour painted in RAL colour (incl. corrosion protection class C3)

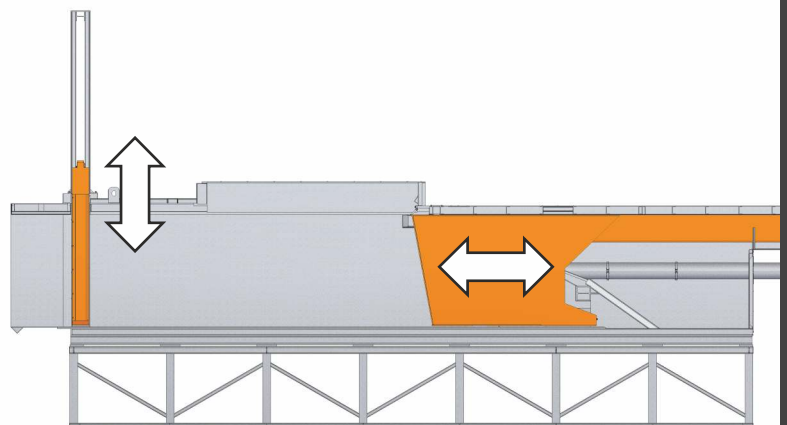
Standard control elements

Due to the wide range of variants of the stationary compacting system of this series it is not possible to specify any standard control elements.

Operation via push-buttons and/or touchscreen (depending on equipment)



Horizontal compaction system



STV 6.120 with horizontally pushing press (SCH 3.800) and 4-fold trolley for ACTS container (incl. door bulkhead lifting unit) and hopper design for filling from waste collecting vehicles.



STV 10.000 with pre-chamber bulkhead and hopper design for filling from conveyor belt, designed for loading of trailers (without additional coupling)



STV 10.000 with pre-chamber bulkhead and hopper design for filling from conveyor belt, designed for loading of trailers (without additional coupling)



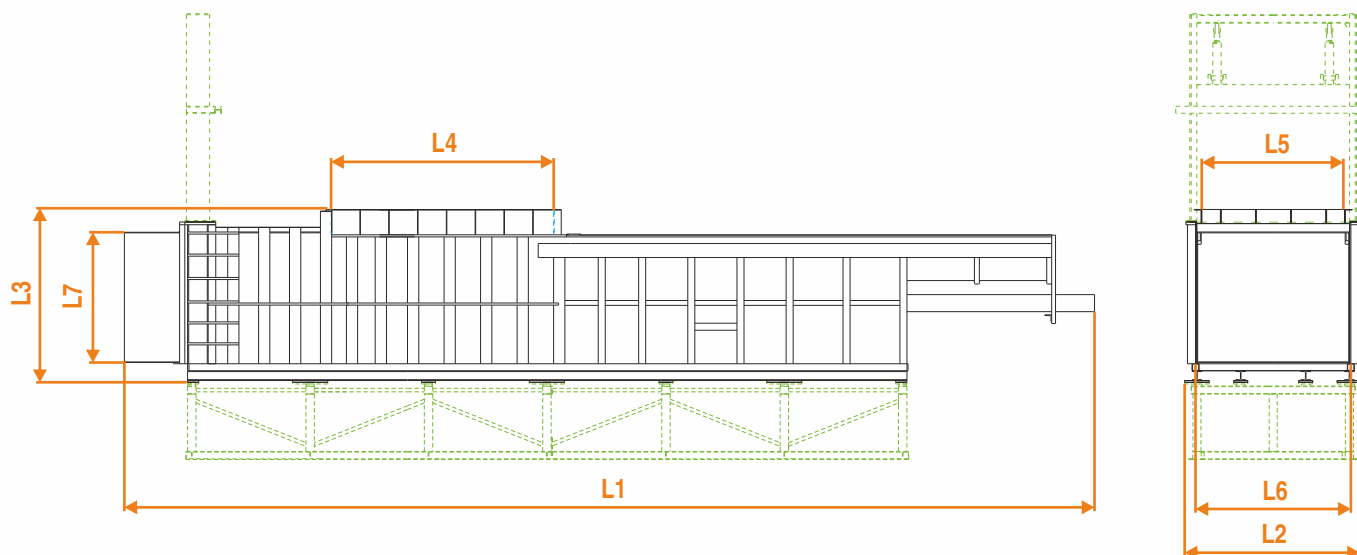
Configuration variants

We are offering you a wide range of additional equipment. Among others there are:

- Pre-chamber compaction system
- Several coupling variants including a fully automatic version
- Individual hopper designs (e.g. bifurcated hopper, wall-connected hopper,...)
- Diverse hydraulic units with standard power classes up to 75kW
- Light barriers as start device and / or as overfill prevention device
- Ultrasonic probes as start device
- 75 %-preliminary warning of full container 75 % and/or 100 % -full container
- GSM - alarm systems
- Several variants of remote control
- Oil cooler and /or oil heating with thermostat
- Longitudinal or transverse traversing units for the press container
- Container weighing system
- Guide rails or centering plates for exact positioning of the press container etc. or soil is not load-bearing.
- Automatic or manual closure gate (for closing the opening between breaking edge and compaction ram)
- Locking mechanism (for automatic closing of the filling opening of the press container with door bulkhead)
- Attached bin tipper for all usual large waste containers as well as special containers

Further additional equipment is available on request.

Please contact us!



Technical specifications

Name			STV 6,000	STV 6,090	STV 6,120	STV 6,150	STV 10,000	STV 15,000
Plant	Length (L1) (mm)		8,030		8,730		12,650	16,200
	Width (L2) * ¹ (mm)			2,400			2,380	2,480
	Height (L3) * ² (mm)		1,165	1,315	1,615	1,915	2,430	2,780
Filling opening	Length (L4) (mm)		2,500		3,000		3,170	3,160
	Width (L5) (mm)			1,805			2,050	
	Height (L3) * ³ (mm)		1,165	1,315	1,615	1,915	2,430	2,780
Discharge-opening	Width (L6) (mm)			1,970			2,200	
	Height (L7) (mm)		965	1,115	1,415	1,715	2,195	2,230
Ram	Width (mm)			1,920			2,150	
	Height (mm)		750	900	1,200	1,500	1,700	2,250
	Dipping depth (mm)		765		1,250		1,200	2,150
Time per working stroke (s)			70	90	67	56	75	90
Volume	pro Hub (m ³)		3.6	6	8	10	11	15
	pro Std. (m ³)		185	240	430	643	528	584
Pressing force (kN)				800			1,100	
Driving power (kW)			22	37	45		75	
Cekon plug (A)				permanent connection				

Comments

All details are subject to change

Technical changes reserved

All details refer to the series products

Further types of construction size available on

*¹ Depending on the coupling installed, this measure will be greater

*² This dimension is increased when the plant is equipped with a pre-chamber pressing system or / and the hydraulic unit is positioned on the plant.

*³ Depending on the hopper installed, this measure will be greater

2 x STV 10.000 with pre-chamber bulkhead and hopper design for filling from conveyor belt, designed for loading of trailers (with additional coupling)

2 x STV 6.150 with pre-chamber bulkhead and hopper design for filling from conveyor belt, designed for loading of trailers (with additional coupling)

