

STP-K
Advanced Technology
STP



Static waste
compactors

www.werner-weber.com

STP-K and STP series

Static waste compactors

STP-K series - Short series

- The waste compactors from the STP-K series bring together great robustness and performance with the short design. The basic design of the compactors matches that of our robust STP series high-performance compactors; however, in order to save on the overall length, modern 2-cylinder technology is used here. This space-saving construction combines the maximum capacity with the minimum overall length.
- A large fill opening (1300 x 1700 mm with STP-K 2300), in combination with an extremely high processing capacity (e.g. 2.26m³ per stroke with STP-K 2300), guarantees efficient compaction of the waste. Due to the high compacting force of up to 340kN, it is possible to attain maximum weight by volume. The standard compacting force increase with the container lock facilitates the compacting container decoupling.
- The area of application of these compactors is the compaction of waste such as packaging, cardboard, films/foils, etc. from wholesale and retail markets, trimming waste from print shops, as well as the majority of waste types that arise in industry and trade.
- The procedure for operating the machine is clear and simple; relevant information such as the full indicator makes work both easy and safe. Werner & Weber waste compactors from the STP-K series are particularly user-friendly, thanks to the lower filling height and the large filling opening.

The compactors can be filled from the ground, from a loading ramp or through the wall of a building using a waste chute.

- A large selection of optional equipment is available, to enable precise alignment of the compactors with your requirements. We supply various cover and hopper designs for the filling opening, a remote control for the machine via cable and data plug, fill level and operational status messages via GSM, and much more.
- With an attached or stationary mounted container tipping fixture, filling the waste compactor is made even easier. The material can be collected at different locations within the company and then taken to the waste compactor with the help of containers on rollers. The automatic filler process makes work easier for your personnel and reduces costs and the time involved.
- We supply the compactors with the following equipment as standard:

- Container 50% + 75% +100% full light
- Increase in compacting force for the container lock is standard
- Pendulous steel scraper - in front of the ram
- Ram with continuous plastic sealing strip on the base (ideal for scraps of paper)
- Cylinder mounted in swivel eyelets
- Maintenance friendly electrical switch cabinet and hydraulic unit are easily accessible
- Electronic safety controller is easily expandable for many additional functions



STP-K1800 at a loading dock



STP1800 with side bin lifter



STP-K2300 with loading shovel

Type		STP-K 1800	STP-K 2300	STP-K 2300 S
Hopper volume	[m ³]	1,81	2,26	2,26
Capacity/ cycle	[m ³]	1,76	2,11	2,11
Cycle time without load	[sed]	40	55	36
Maximum through put	[m /h]	161	137	212
Operating compaction force	[kN]	320	320	320
Boost force (pinning)	[kN]	340	340	340
Clear Charge box length	[mm]	1000	1300	1300
Clear Charge box width	[mm]	1700	1700	1700
Loading height	[mm]	1350	1350	1350
Overall length	[mm]	2390	3490	3490
Overall width	[mm]	2500	2500	2500
Overall height	[mm]	1500	1500	1500
Ram penetration	[mm]	300	300	300
Ram stroke	[mm]	1480	1775	1775
Weight	[kg]	3140	3810	3840
Electric motor	[kW]	7,5	7,5	11
Electric data		400V, 50Hz, 32/50A		

Technical modifications reserved



STP-K1800 with external power unit

Your advantages

Reduce costs – benefit from the maximum volume reduction of your waste and valuable recycling materials, and cut your disposal costs.

Operator friendly – the procedure for operating the machine is clear and simple, making the work of your personnel easy as well as safe.

Large fill opening – the large fill opening on the STP compactors enables fast and efficient compaction of the waste.

Uncompromisingly powerful – high fill weights, e.g. up to 10 tonnes of cardboard or up to 15 tonnes of residual waste, depending on the container size and compactor type.

STP series - High performance compactors for heavy-duty applications

- The static waste compactors from the STP series are particularly well-suited for compacting large quantities of bulky and heavy industrial waste, such as thick boxes, wooden crates, domestic waste and similar. The compactors can be individually tailored to the respective application. For example, with a faster stroke time for use in print shops, or with a higher compaction force for bulky and heavy waste such as thick cardboard packaging or pallets. Due to the robust design with a central compaction cylinder, the forces they produce are optimally distributed. This results in a long service life and low wear. The high compaction force and huge processing capacity make a considerable contribution to cost reductions and therefore to economic and environmentally friendly waste disposal.
- A large fill opening (e.g. 2000 x 1700mm with STP-3300), in combination with an extremely high processing capacity (STP-3300S - 312m³/hour), guarantees efficient compaction of the waste. Due to the high compacting force of up to 500kN, it is possible to attain maximum weight by volume. The standard compacting force increase with the container lock facilitates the compacting container decoupling.
- Werner & Weber offer you exactly the right machines for all these requirements. Be it a compact transfer station for 15000 tonnes/year or a compacting system for

large print shops, we supply you with just the right product. All of our systems naturally comply with the legal regulations and are designed to guarantee the maximum in user friendliness and operator safety. This includes visible and audible warning signals and much more.

- A large selection of optional equipment is available for the STP series. We supply various hopper designs for the filling opening, safety functions such as barrier gates, light barriers, safety edges, locking for the container compacting opening by means of a hydraulic device on the compactor; hydraulic container coupling devices, level and operating status messages via GSM, and much more besides. By using a container carriage system, it is possible to realise an even more efficient operating process and in doing so achieve even higher throughputs.

■ Compacting containers (PN)

We produce compacting containers in many different sizes and variants. They offer maximum volumes or reduced height, for units in underground car parks, and are available in lightweight or extra heavy-duty variants. For the cover over the compacting opening, you can select from locking profiles, a sheet-metal lid, or a PVC tarpaulin. For even more efficiency, we offer an automatic sliding plate for the compacting opening.



STP with bin lifter at a loading dock



STP for a printing company



Container traversing system



Container traversing system

Type		STP 1600	STP 2200	STP 1800	STP 2300	STP 2300 S	STP 2900	STP 2900 S	STP 3300	STP 3300 S	
Hopper volume	[m ³]	1,59	2,00	1,81	2,36	2,36	2,88	2,88	3,34	3,34	
Capacity/ cycle	[m ³]	1,58	1,89	1,79	2,14	2,14	2,62	2,62	3,00	3,00	
Cycle time without load	[sec]	48	57	48	57	43	48	31	54	34	
Maximum through put	[m ³ /h]	119	119	135	135	179	196	306	199	312	
Operating compaction force	[kN]	320	320	320	320	320	320	320	380	380	
Boost force (pinning)	[kN]	340	340	340	340	340	340	340	400	400	
Clear Charge box length	[mm]	1000	1300	1000	1300	1300	1700	1700	2000	2000	
Clear Charge box width	[mm]	1500	1500	1700	1700	1700	1700	1700	1700	1700	
Loading height	[mm]	1350	1350	1350	1350	1350	1350	1350	1350	1350	
Overall length	[mm]	3490	4440	3490	4440	4440	4880	4880	5920	5920	
Overall width	[mm]	2500	2500	2500	2500	2500	2500	2500	2500	2500	
Overall height	[mm]	1500	1500	1500	1500	1500	1500	1500	1500	1500	
Ram penetration	[mm]	320	320	320	320	320	320	320	320	320	
Ram stroke	[mm]	1500	1800	1500	1800	1800	2200	2200	2500	2500	
Weight	[kg]	3240	3780	3340	3880	3910	4560	4590	4820	4850	
Electric motor	[kW]	7,5	7,5	7,5	7,5	11	15	15	15	22	
Electric data		400V/ 50Hz/ 32A - 100A depends on motor power									



Branch/factory

 **BELGIUM**
SIDALCO BV
Industrieweg 101a
NL-7202 CA ZUTPHEN
www.sidalco.com

 **FRANCE**
ALTERVAL SAS
ZAC DE COUPEAUVILLE
Rue de coupeauville
F-76133 EPOUVILLE
www.alter-val.com

 **NORWAY**
Global Miljø AS
Gneisveien 14B,
N - 3205 SANDEFJORD
www.globalm.no

 **SWEDEN**
SCANECO WASTE AB
Ålvkullvägen 1
S-42372 SVÄE
www.scanwaste.se

 **BULGARIA**
HIDROMAT LTD.
ul. Konstantin Velichkov,
bl.29; vh. B; et.7
BG - 8000 BURGAS
www.hidromat.bg

 **GERMANY**
Werner & Weber
Deutschland GmbH.
Langemarkstrasse 20
D-46045 Oberhausen
www.werner-weber.com

 **POLAND**
Stalco Industries sp z o o
Ul. Cementowa 1
PL-31 991 Krakau
www.stalco.com.pl

 **SWITZERLAND**
MTB Reichel
Entsorgungstechnik GmbH
c/o wsba GmbH
Feldgütliweg 2
CH-8004 Zürich
www.wsba.ch

 **CROATIA**
EKO LINE TRADE D.O.O
Škofja vas 040
SLO-3211 ŠKOFJA VAS
www.ekolinetrade.si

 **UNGARN**
BCA - REMA Kft.
4483 Buj, Kossuth u. 16.
1106 Budapest,
Keresztúri út 210.
www.balazokommando.hu

 **PORTUGAL**
M.C.P. Hilario Baptista
Unipesoal Ida.
Rua Miguel
Bombarda 71,
P 2689 50 SACAEM
www.mcp.com.pt

 **THAILAND**
GMC ENGINEERING
700/ 163 Srinakarin Road,
Suanluang,
THA - 10250 BANGKOK
www.gmc.co.th

 **CYPRUS**
SHF TRADING CO LTD.
6, Arch. Makarios III
7571 ANGLISIDES
LARNACA
www.houtris.com

 **ITALY**
ARCOIL SAS
Allestimenti Veicoli Industriali
Cia IV Novembre, 4/a
I-35020 TRIBANO (PD)
www.arcoil.it

 **ROMANIA**
LILIANE TRADING
INTERNATIONAL S.R.L
Dorului str. 10
RO-307160 DUMBRAVITA
www.liliane.co

 **U.A.E.**
Mohammed Tayyeb
Khoory & Sons
Sh. Zayed Road, Near 4th
UAE Dubai
www.mtkhoory.com

 **DENMARK**
Skibby Jensen
Smedie A/S
Fuglebaekvej 6
DK-2770 Kastrup
www.skibbyjensen.dk

 **LUXEMBOURG**
Werner & Weber
Deutschland GmbH.
Langemarkstrasse 20
D-46045 Oberhausen
www.werner-weber.com

 **SPAIN**
Reciclajes Logísticos, S.L.
C/ Serrería, 1B - 23A
46011 Valencia (España)
www.reciclajeintegral.com

 **UK**
ENVIRO-TEK RECYCLING LTD
Enterprise House,
17 Perr y Road, Harlow
GB ESSEX CM18 7PN
www.enviro-tek.co.uk

 **FINNLAND**
FINNCONT OY
Valimonkatu 2
FIN-15100 LAHTI
www.finncont.com

 **NETHERLANDS**
SIDALCO BV
Industrieweg 101a
NL-7202 CA ZUTPHEN
www.sidalco.com

 **SLOVENIA**
EKO LINE TRADE D.O.O
Škofja vas 040
SLO-3211 ŠKOFJA VAS
www.ekolinetrade.si