

WÜRTH Industrie Service

BINS AND INNOVATIVE SYSTEMS

W-KLT® 1.0 • Range of bins • Bin cleaning

CLIP-O-FLEX® • W-KLT® Clip • OPT-I-STORE®



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PREFACE

Würth Industrie Service has specialized itself not just for the ideal delivery, storage and quality of C-Parts, but as the world market leader offers innovative solutions for its customers, which goes far beyond supplying only C-Parts.

The regular exchange with more than 20,000 customers in Germany alone, enables us to continuously improve our service offer and apply it according to your individual requirements. Therefore, we can give you the assistance you need so you can concentrate on the essentials.

Creating "lean" processes is becoming a central aspect in every single production facility. Important are the different requirements for each single workplace and its clearness. Generally speaking this can be summarized as the so called 5S-rules. The workplace and its surroundings will be categorized into the aspects of selection, sorting, cleaning, standardizing and self-discipline.

Due to the higher complexity in logistical- and production-processes, the workplace requirements increase as does the need to have all articles in their appropriate places: in the shelf, at the storage location or directly at the assembly line.

Thanks to our coordinated solutions you will be able to integrate your storage area, workplace or assembly location flexibly, ergonomically and individually into your value chain.

Gain from our innovative ideas and save time, space and steps.

INNOVATIVE SOLUTIONS. WITH SAFETY.



RANGE OF BINS – ABSOLUTE DIVERSITY

W-KLT® 1.0

Space needed
reduced by up to **50%**!

Shelf requirement
reduced by up to **50%**!

Reduction of bin
pollution by up to **80%**!



Würth-small load carrier (W-KLT® = Würth-Kleinladungsträger) is exactly the right solution for you and your requirements: **safe, flexible, innovative and patented**. The stackable W-KLT® bins are sturdy and durable. The bins are appropriate for the application of fully automatic systems because of the standardized construction. The products can be easily and quickly accessed via the front flap. The unique W-KLT® system helps you to increase the efficiency of your inventory administration.

Your advances:



Circulating stacking edge
Easy stacking



Reinforced bottom
High load capacity and dimensional stability
Bin 3215 and 4315



Handholds
For optimum grip during transportation



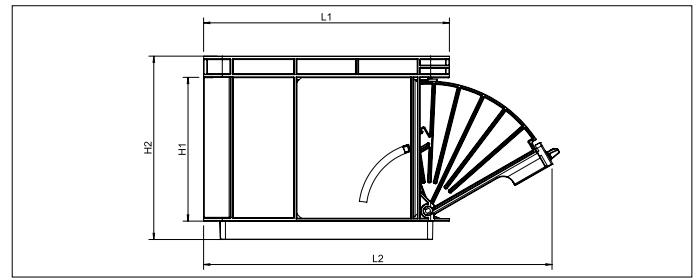
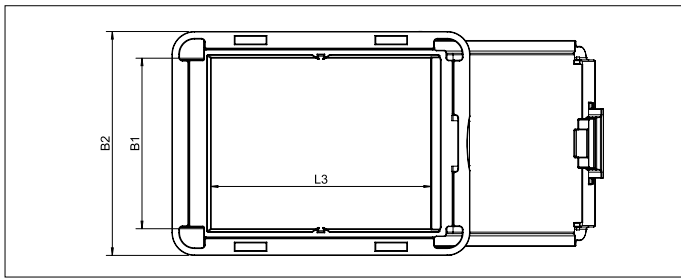
Sleek inner walls
Bins are easy to clean



Label field
For unique identification of the bin or the goods



Drawer function
Easy removal, even when stacked



Type	Exterior dimensions (mm)			Internal dimensions (mm)			Weight (g)	Volume (litre)	Colour	Würth- logo/ im-print	Material (Draw- er)	Batch size
	Length L1 (open draw- er L2)	Width B2	Hight H2	Length L3	Width B1	Hight H1						
2115	197 (290)	148	147,5	155	117	129	338	2,5	black	yes	PP (ABS)	128
3215	297 (385)	198	147,5	247	166	115	668	5,3				192
4315	396 (486)	298	147,5	335	265	115	1.168	10				96

Every bin deserves a second chance! Our used W-KLT®1.0 are available on request.*

W-KLT® 1.0 – IN COLOUR!

We will personalize our W-KLT®1.0 for you in the sizes 2115, 3215, 4315 in five different colours and/or with your logo on the front drawer.*

Type	Minimum order quantity (pieces)	Standard colours
2115	512	Yellow (RAL 1018) Red (RAL 3020) Blue (RAL 5022) Green (RAL 6018) Grey (RAL 7016)
3215	576	
4315	576	



* non-stock items

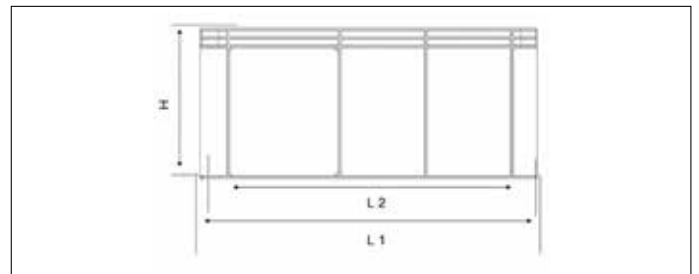
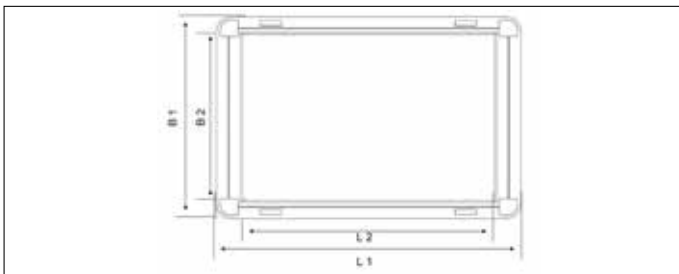
Your favorite colour is not listed? Our W-KLT®1.0 are available in special colours on request.

R-KLT 2115

Ideal transportation and storage bin for small parts

Extremely high stability through optimized outer wall construction

Handles for optimum transport on the end faces



Type	Exterior dimensions (mm)			Internal dimensions (mm)			Weight (g)	Volume (litre)	Colour	Würth- logo/ imprint	Material	Batch size
	Length L1	Width B1	Hight H	Length L2	Width B2	Hight H						
2115	198	148	147	172	100	147	285	2,5	anthracite	yes	PP (ABS)	128

Every bin deserves a second chance! Our used R-KLT 2115, 3215, 4315 are available on request.

ACCESSORIES – COVERS AND DIVIDERS

We provide dividers for our W-KLT® bin to allow an optimal utilization of your storage space. This solution allows access to or storage of several items but requires only little space.

To protect your goods from light, dust, etc., we offer the possibility to buy inside or outside covers for the W-KLT® and R-KLT bins.



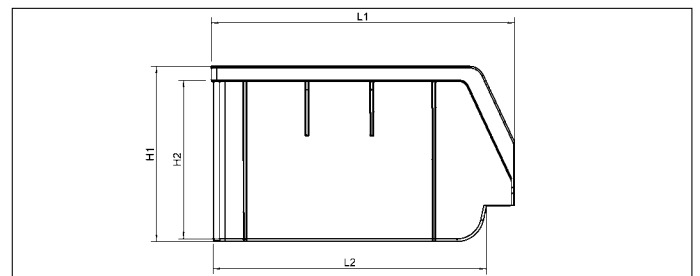
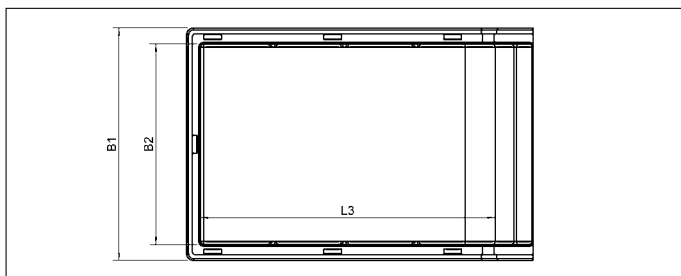
Hint: Both cover as well as divider have to stay with the customer.

STORAGE BINS

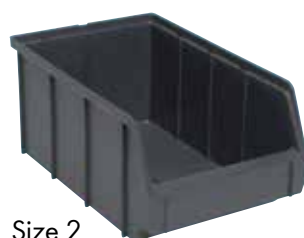
Ideal to organize the storage of small parts, consumables and bulk

Circulating stacking edge, high stability, strengthened handholds

Starting from batch size 1, the colours are deliverable in red, blue, green, yellow and grey



Size	Exterior dimensions (mm)			Internal dimensions (mm)			Weight (g)	Volume (litre)	Würth- logo/ imprint	Material	Batch size
	Length L1/L2	Width B1	Hight H1	Length L3	Width B2	Hight H2					
1	489/443	304	185	425	280	172	1.200	20,4	No	PP	1
2	335/303	209	152	293	191	139	541	7,78			
3	230/202	150	130	192	130	118	268	2,94			
4	161/140	105	75	137	89	63	76	0,77			
5	90/68	102	50	68	88	44	32	0,26			



As an accessory, we offer you the appropriate dividers, front flaps and cover for each bin size.

VDA-R-KLT

The composite floor on the outer edge of the bin is typical for the VDA-R-KLT. The stacking feet of the composite floor ensure a high stability and stacking of the bins without additional back up of the loading unit. Struts on the side give the bin extra stability.

The VDA-R-KLT is available in the sizes 3215, 4315, 4329, 6415 and 6429.



VDA-RL-KLT

The VDA-RL-KLT is also equipped with struts for higher stability. However, it is distinguished from the VDA-R-KLT by its straight floor and is ideally suited for use at lower to medium loads.

The VDA-RL-KLT is available in the sizes 3147, 4147, 4280, 6147 and 6280.



VDA-R-KLT ESD

The VDA-R-KLT ESD is used specifically for the transport and storage of electronic components. It has the same product features as the R-KLT, but it is made out of electrically conductive plastic.

This allows secure protection of sensitive electronic components against electrostatic discharges. ESD-conductive bins are marked with the ESD symbol.

The VDA-R-KLT ESD is available in the sizes 3115, 4115, 4129, 6115 and 6129.



W-LINE SILVER

According to demand, the stable W-Line Silver bin with strengthened and developed bottoms satisfy optimally the requirements of today's warehouse- and transport logistics. They are ideally suited for use in material handling, on runways, and in continuous flow racks. The W-Line Silver is available in the sizes 300 × 200 × 120 mm up to 800 × 600 × 320 mm in the standardized colour grey RAL 7035. On request, the W-Line Silver is also available in red RAL 3020 and in blue RAL 5005.



As an accessory, we offer the matching hinge and cover for all sizes.

W-LINE BASIC

The W-Line Basic bins are a high-quality Euro-standard series. The light-weight but very sturdy bins are perfectly suitable (e.g. also with front flap) for almost every application due to their diversity.

The W-Line Basic bins are available in the sizes of 400 × 300 × 70 mm to 600 × 400 × 320 mm in the standard colour grey RAL 7040.



W-LINE FOLDING BOXES

The W-Line Folding Boxes „Move“ and „Retail“ show how efficiently logistics can function. They impress with a reduction in required storage space of up to 80% when folded and they offer different floor types for all automatic small parts storage requirements. The proven Lift-Lock and Smart-Box-locking-systems make the boxes very easy to use and allow for fully automatic handling.

The W-Line Move Boxes (with attached cover) are available in the sizes 400 × 300 × 240 mm and 600 × 400 × 340 mm and the W-Line Retail Boxes (without Cover) in 600 × 400 × 285 mm.



W-LINE GLT

The W-Line GLT is a foldable large capacity bin on a pallet base. The volume of the empty container can be significantly reduced by superimposing its sidewalls.

The W-Line GLT is available in the sizes 800 × 600 × 530 mm and 1200 × 800 × 950 mm



W-LINE PLASTIC PALLETS

The W-Line Plastic Pallet (1200 × 800 × 160 mm) is a robust and reliable pallet, whose stability is enhanced by metal tubes that can be inserted into the indentation provided for this purpose. With this enhancement the pallet is suitable for high-bay storage. On request it can be equipped with a slip-resistant top deck.



Your desired bin is not listed? We will find it for you! Please set up your individual request.

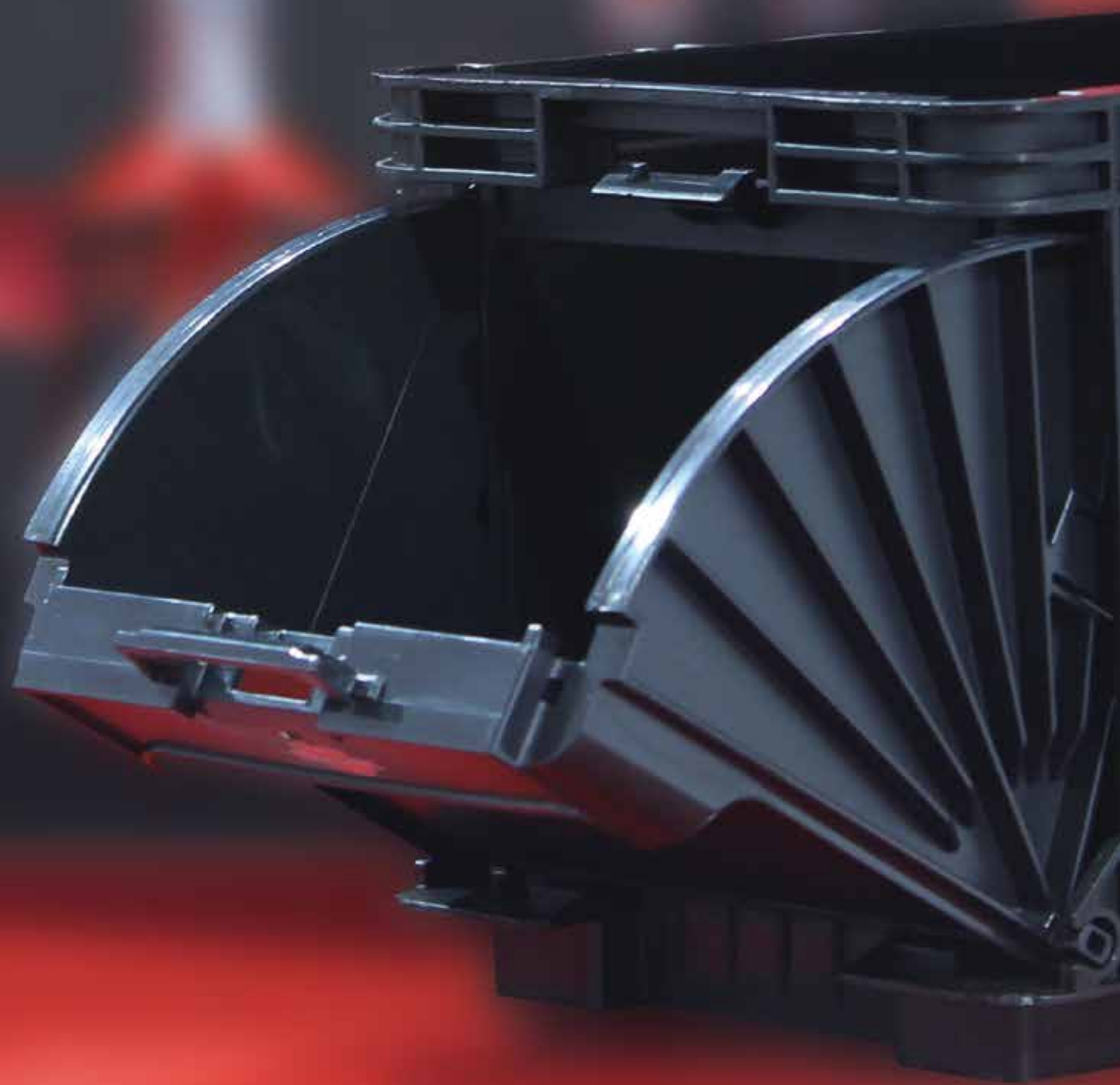
BIN CLEANING – KEEPING IT CLEAN



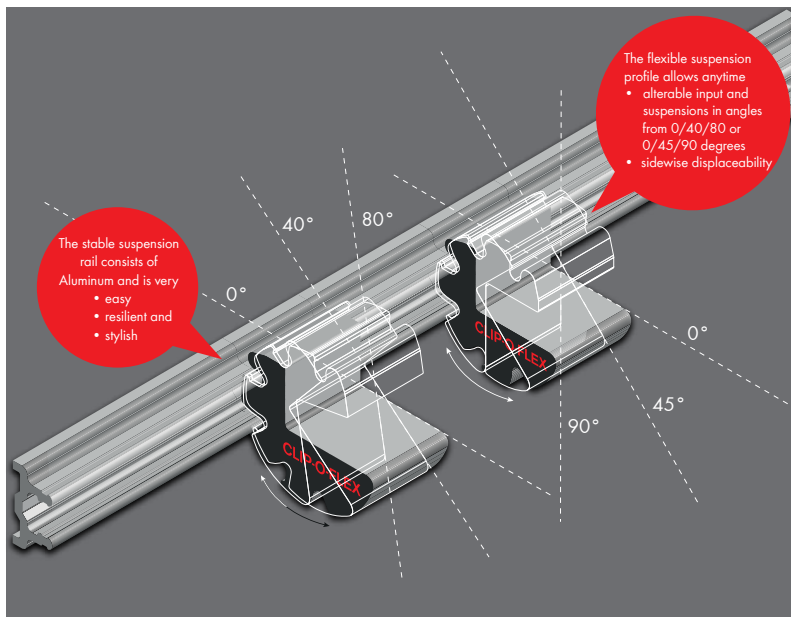
Use this service for your own bins in our bin washing station. Depending on the degree of contamination of the bins and your requirements, we will create your individual cleaning concept.

Total length:	14 metres Two-track system lengthways
Max. bin size:	all common KLT-bin sizes up to PAL-Box
Max. Capacity:	1,000 pieces per hour (with KLT 4315)
Cleaning of:	dust, shavings and removing labels
Optionally:	<ul style="list-style-type: none"> • Type and colour pure sorting • Storage of Containers





CLIP-O-FLEX® – THE FLEXIBLE HOOK-SYSTEM



Your advantages:

- Fast access
- Better overview
- Quick changeover
- Flexible and ergonomic workplace design
- Time saving
- Optimal workspace utilization
- Horizontal and vertical flexibility



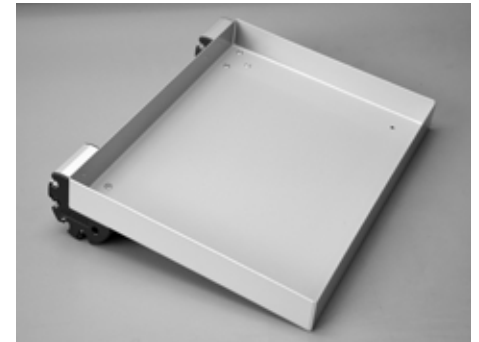
The Profile

- Fixed working materials are stable and always ready at hand
- Adapts to different angles of inclination (0/40/80° or 0/45/90°) to the ergonomics of your workplace



The Mounting Rail

- The mounting rail can be hooked as secure retention for any CLIP-O-FLEX® profile or surfaces such as workbenches, trolleys or machinery
- Within the mounting rail, the elements can be flexibly hooked and horizontally displaced



The Tray

- Useable as a tool holder with shadowboard or transportable working surface
- All trays are fitted with two riveted profiles

CLIP-O-FLEX® adapts to the individual, his tasks and provides a valuable contribution to health and safety at work at all times.

W-KLT®CLIP – THE HOOK-PROFILE FOR W-KLT®



Your advantages:

- Ideal workplace design
- Saving movement
- Ideal workspace utilization
- Horizontal and vertical flexibility
- Fast access
- Better overview
- Vertical bin carriage possible
- Flexible and ergonomically adaptable
- Different angle settings

Made of sturdy aluminium, the W-KLT®Clip has a safe working load of up to 15 kg.

Due to the angles 0/12,5/25° our patented bin W-KLT®1.0 and 2.0 in the sizes 2115 and 3215 can be flexibly attached to every single working place. With it, the W-KLT®Clip ensures an ergonomic and optimized workplace design.



It's as easy as that:

Only a few hand movements will be needed to attach the W-KLT®Clip to our W-KLT®.

Take the bin and the hook-profile.

Attach the W-KLT®Clip to the back of the W-KLT® by sliding the hook-profile from below down in the concavity completely until it clicks.

Now you are able to attach the bin to our CLIP-O-FLEX®-rail as desired in the angles 0 / 12,5 / 25 °.

OPT-I-STORE® – INDIVIDUAL SHADOWBOARDS

Customized shadowboards provide individually or in combination with CLIP-O-FLEX® more organization at the workplace. Pack and store all products in high quality protection. It can be ordered starting from a batch size 1.

Material properties

- Dimensions max. 1500 × 1000 mm (L x W)
- Material thickness= 30, 60, 90 mm (others on request)

Product features

- Oil resistant PE foam
- Lightweight and resistant
- Shock-absorbing properties
- Odorless
- Durable

Due to the bicolour version – black coating and the contrasting colour in optionally blue, red, green, yellow, grey or white - you see immediately if something is missing!

The shadowboards are also available completely in black with ESD capability.



Increase your productivity

- Fast access to tools and small parts
- Better overview, organization and control
- Safe transportation
- Protected storage
- Quick identification and easy replacement of missing tools
- Avoidance of tool overstocking



Applications

- Tool storage
- Insets for transport cases and bins
- Storage and protection of sensitive construction and turned parts
- Arrangement system for storage facilities
- Picking media



OPT-I-STORE® – INDIVIDUAL SHADOWBOARDS

Create for yourself, or with the help of one of our Würth employees your own shadowboards, consisting of tools or other parts from your own inventory which need to be organized or protected.

Place the applicable parts in any layout and arrangement - **easily, quickly and uncomplicated** according to your wishes and needs.

1. OPT-I-STORE® – Scanner

- Locally mobile collection by using a calibrated digital camera
- Variable assembly
- Non-clamping shadowboards



2. OPT-I-STORE® – Samples/Drawings

- Acquisition is based on sample parts or drawings (DXF, DWG)
- Photorealistic acquisition
- Clamping/non-clamping shadowboards



3. OPT-I-STORE® – Designer

- Direct reading of self-scanned contours
- Building a customized database
- Individual setting of handles
- Circular, rectangular shapes and free drawings are possible
- Laser marking in all popular fonts
- Ability to create a project



Ask for your personal log-in data to use the **free Designer Software** and or the OPT-I STORE®- Scanner via email: optistore@wuerth-industrie.com.

THIS IS HOW YOUR WORKPLACE COULD LOOK

W-KLT®



OPT-I-STORE®



W-KLT® CLIP



CLIP-O-FLEX®



BINS AND INNOVATIVE SYSTEMS

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