



*... our technology
helps the environment*

Press systems to reduce the volume of recyclable fractions



... developed
and manufactured
in Germany





Effective volume of reduction of obsolete packaging, production waste and other waste (recyclable) materials through press systems provides space and lowers costs. In addition, separation and proper pre-sorting of materials for recycling protects the environment.

Systematic compaction of recyclable fractions with DIXI press systems

In the 1980s Maschinenfabrik Bermatingen decided to establish another mainstay, in addition to the HUMUS mulching technology. The clearly increasing environmental consciousness and the noticeable pervasiveness of recycling concepts provided the impetus to concentrate in the direction of environmental technology.

Through strong sales activities and direct contact with customers important impulses for the DIXI model range emerged. Today Maschinenfabrik Bermatingen presents the »DIXI press systems for volume reduction of recyclable fractions« – profitable for the user and practically tailored to the requirements of modern waste management.

The mandatory take-back anchored in the »dual system« and other statutory regulations increasingly demand the economy and society to act. Waste avoidance is the order of the day. Today up to 80 percent of waste materials can already be supplied as recyclable fractions for practical reprocessing. Recycling is considered as the exigency of our time. Within this overall economic framework, rethinking in the direction of future-oriented concepts and new ways of recycling are required.

Reduce and win

is the approach Maschinenfabrik Bermatingen recommends to the parties concerned. Production waste and »spent« raw materials, such as cardboard, paper, foil, plastics, sheet metal containers and drums are recyclable fractions:

Systematic compaction of these items into compact bales.

- Saves personnel costs for handling of the materials.
- Ensures optimal utilization of trucks, reduced CO₂ emission and saves transport costs.
- Among other things, it assures profits due to sorted recycling of these fractions.

The cost savings achieved through planned volume reduction pays off – savings of up 60% and more are possible.

The system thought

behind the DIXI program aims at individual solutions for every customer requirement. The extensive press product line, with a well differentiated capacity offering covers a broad spectrum of different applications:

- Compact hydraulic press: for efficient volume reduction where space is at a premium – with a light bale weight of approx. 30 – 50 kg.
- Hydraulic multi-chamber system for correctly sorted separation of recyclable fractions that can be extended with additional chambers as desired.

- Hydraulic »compactors« product range.
- For high capacity in a small space – with a pressing force offering ranging from 8.5 up to 80 t and bale weights between 30 and 500 kg.
- Hydraulic drum press: The special system with 25 tons of pressing force for compressing even the heaviest steel-ribbed 200 l drums.
- The hydraulic channel presses.

All critical components of the DIXI SLK presses can be perfectly modified and matched for the user-specific requirements.

The bottom line is that the investment and the use of a press system always pays off for the user.








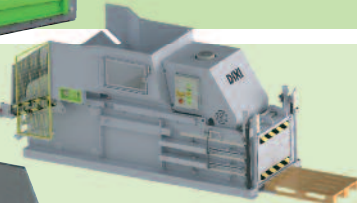



Beyond the material benefit, the decision bears witness of future-oriented responsibility relative to our environment. Tactical management of recyclable fractions in the reuse cycle conserves resources and also saves expensive energy. The positive image enhancement effects generated by this type of environment-conscious activity should not be underestimated. Moreover, clean operation and production areas have an impressive effect on customers and employees.

Trust experience

The DIXI technical consultant determines a precise needs analysis for you, and the individual DIXI Service guarantees that you can quickly start using your custom-tailored press system.

- Practical trials.
- Leasing and maintenance contracts.
- Expert advice at disposal.
- Customer service throughout Germany.



	4 S Vertical baling presses Bale weight from 30 to 50 kg	4
	5 S-K Vertical baling presses Bale weight from 40 to 60 kg	6
	10 S Vertical baling presses Bale weight from 50 to 80 kg	8
	18 S Vertical baling presses Bale weight from 120 to 180 kg	10
	25/30 S Vertical baling presses Bale weight from 250 to 360 kg	12
	50 S Vertical baling presses Bale weight from 350 to 500 kg	14
	60 S Vertical baling presses Bale weight from 340 to 500 kg	16
	60 SLD Horizontal bale presses Bale weight from 370 to 410 kg	18
	60 SLS Horizontal bale presses Bale weight from 370 to 450 kg	20
	SLK Automatic channel baling press Bale weight from 150 to 600 kg	22
	25 FP Drum press – even for the heaviest steel-ribbed drums	24

4 S

the proven, attractively priced
hydraulic compact press

DIXI®



The proven, attractively priced hydraulic compact press.

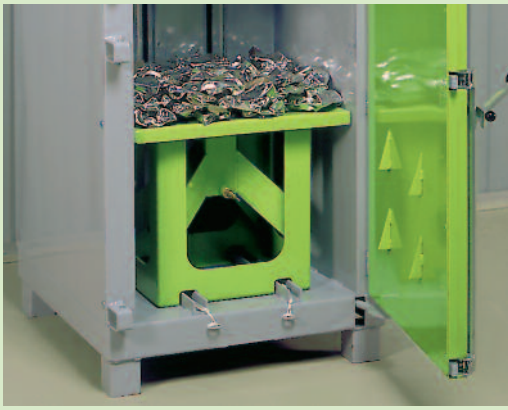
The entire technology, including cylinders and strap rolls, is integrated in the housing. Space saving solution – the press chambers are filled from above. The attractive visual impression also allows use in areas with public traffic.

The minimal footprint of approx. 0.7 m² even enables setup of the DIXI 4 S in relatively narrow niches.

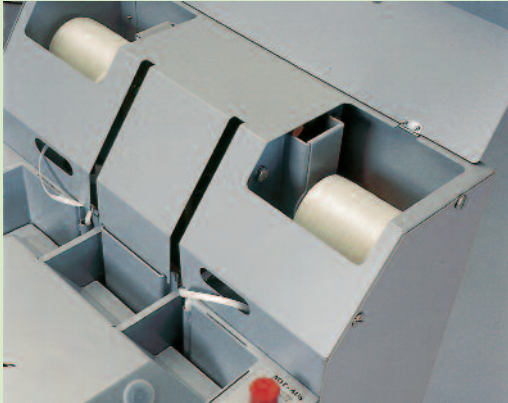
4



...developed and manufactured in Germany



Can press insert (special equipment)



The strap rolls are easy to access

Equipment features

- Easy operation – high safety standard.
- Fast pressing sequence, automatic return stroke, low-noise.
- Retaining claws prevent resilient pressed material from springing back.
- Visual signal display indicates the bale volume is reached.
- Easy binding of the bale without expenditure of force – low bale weight.
- Easy removal of the bale through tapering press chamber.
- Stable compact design – low-maintenance.
- DIXI 4 S – power connection is possible via any 230 V electrical outlet.

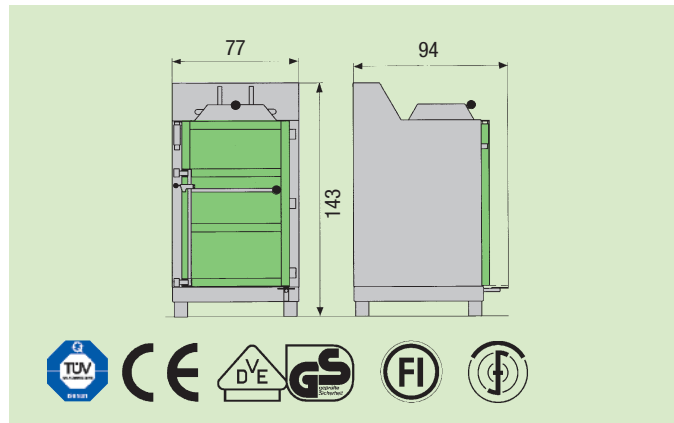
Special equipment

- Can press insert
- Transport carriage
- Movable on casters

Technical data

DIXI model		4 S	
Motor	kW	1.5	
Connected load	V/Hz	230 / 50	400 / 50
Pressing force	max. kN	40	
Cycle time	s	14	
Pressing time	s	9	
Fill opening W x H	cm	60 x 50	
Height above ground	cm	118	
Width	cm	77	
Depth	cm	94	
Height	cm	143	
Weight	kg	350	
Ejected bale			
W x H x D	approx. cm	60 x 55 x 60	
Bale weight*	max. kg	30 – 50	

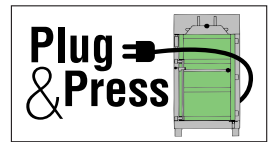
* Depends on the pressed material



5 S-K

the proven, extensible,
compact hydraulic press

DIXI®



The basic model of the DIXI 5 S-K hydraulic press system is delivered as a single-chamber press – it can be extended with additional press chambers as desired. With a slight shift the press plunger can be easily positioned above each chamber.

Waste materials such as paper, cardboard, foil and plastics can be pressed in compact bales, separated by material and thus recycled rationally and economically.





The transport carriage (option)



Additional press chambers (option)



Equipment features

- Easy operation – high safety standard.
- Fast pressing sequence, automatic return stroke, low-noise.
- Retaining claws prevent resilient pressed material from springing back.
- Visual signal display indicates the bale volume is reached.
- Easy binding of the bale without expenditure of force – low bale weight.
- Easy removal of the bale through tapering press chamber.
- Stable compact design – low-maintenance.
- Power connection is possible via any 230 V electrical outlet.

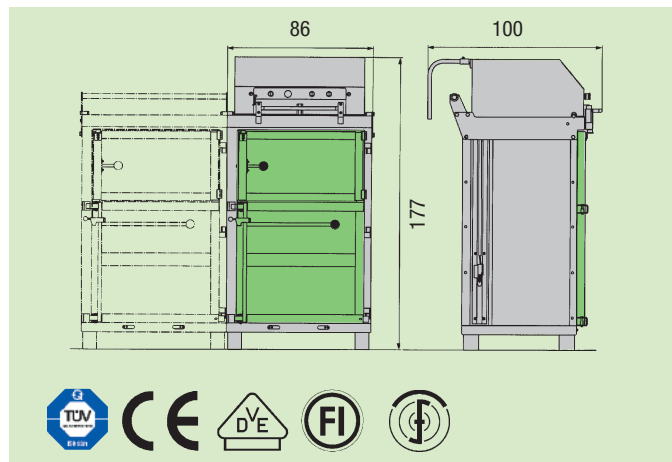
Special equipment

- Can press insert
- Transport carriage
- Additional press chambers

Technical data

DIXI model		5 S-K	
Motor	kW	1.5	
Connected load	V/Hz	230 / 50	400 / 50
Pressing force	max. kN	60	
Cycle time	s	19	
Pressing time	s	14	
Fill opening W x H	cm	60 x 39	
Height above ground	cm	88	
Fill opening from above* W x D	cm	65 x 47	
Height above ground	cm	138	
Width	cm	86	
Depth	cm	100	
Height	cm	177	
Weight (supplemental chamber)	kg	550 (200)	
Ejected bale			
W x H x D	approx. cm	70 x 55 x 70	
Bale weight*	max. kg	40 – 60	

* Only for supplemental chamber ** Depends on the pressed material



10 S

a powerhouse in a small space:
High pressing force with minimal spatial requirements

DIXI®



The model DIXI 10 S is the smallest entry-level model, e.g. for retail. The DIXI 10 S is suitable for foil and cardboard.

Through the Microprocessor controller with clearly arranged LCD display, the system can be quickly and easily changed over from cardboard to foil. The special »Foil« setting prevents expansion of foil.

The automatic start function when closing the filling flap facilitates operation of the DIXI 10 S, and above all it saves time. The automatic bale ejector ensures the necessary convenience when emptying the baling press.



Pressing of foil material



Press plunger and ejector



Equipment features

- Microprocessor control.
- Low-maintenance.
- Multilingual, clearly arranged LCD display.
- Automatic start function when closing the filling flap – fast process sequence, automatic return stroke.
- Adjustable pressing time: The pressed material can be kept under pressure.
- Easy binding of the bale and complete ejection.
- Two-stage hydraulics of the control block guarantee a fast press cycle.
- Generously dimensioned hydraulic system: High pressing force at low hydraulic pressure and low drive power.
- Changeover from cardboard to foil.

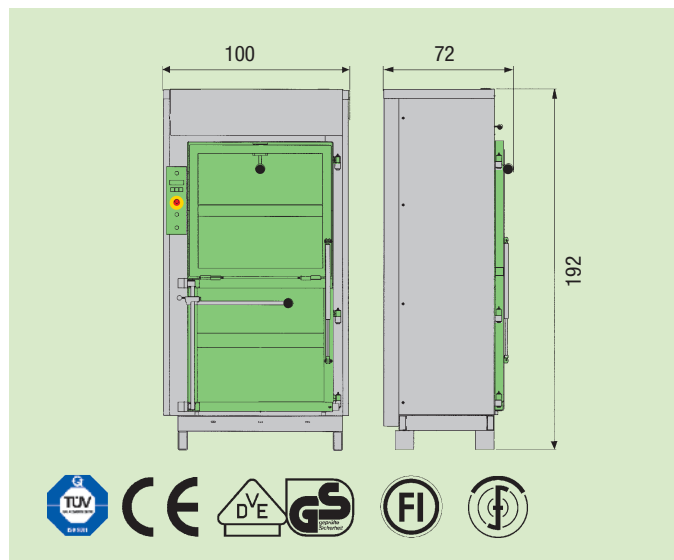
Special equipment

- Can press insert
- Movable on casters

Technical data

DIXI model		10 S
Motor	kW	2
Connected load	V/Hz	400 / 50
Pressing force	max. kN	85
Cycle time	s	29
Pressing time	s	19
Fill opening W x H	cm	68 x 62
Height above ground	cm	97
Width	cm	100
Depth	cm	72
Height	cm	192
Weight	kg	550
Ejected bale		
W x H x D	approx. cm	70 x 49 x 70
Bale weight*	max. kg	50 – 80

* Depends on the pressed material



18 S

... the universal –
variable, economical and powerful

DIXI®



The model DIXI 18 S with 18 t of pressing force is the precursor for the complete pro!

Particularly suitable for use, e.g. in retail or in industrial enterprises. The DIXI 18 S is perfectly suited for the pressing of foil and cardboard. Through the microprocessor control unit with clearly arranged LCD display, the system can be quickly and easily changed-over from cardboard to foil.

The special »Foil« setting prevents expansion of foil. The automatic start function when closing the filling flap facilitates operation of the DIXI 18 S, and above all it saves time. The automatic bale ejector ensures the necessary convenience when ejecting pressed bales with weights up to 180 kg.

10



... developed and manufactured in Germany



Robust: The press plunger is guided on both sides



Low-maintenance: Microprocessor control



Easy to operate: The ejector



Equipment features

- Microprocessor control without limit switches. Low-maintenance. With clearly arranged LCD display.
- Automatic start function when closing the filling flap – fast process sequence, automatic return stroke.
- Adjustable pressing time: The pressed material can be kept under pressure.
- Easy binding of the bale and hydraulic complete ejection.
- Two-stage hydraulics of the control block guarantee a fast press cycle.
- Generously dimensioned hydraulic system: High pressing force at low hydraulic pressure and low drive power.

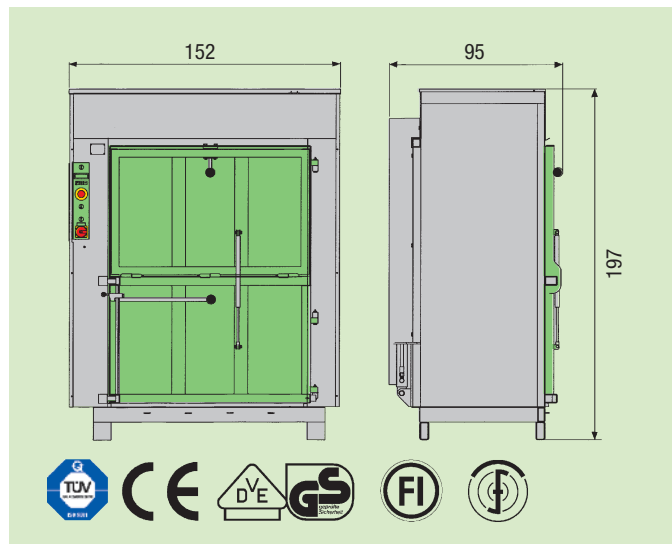
Special equipment

- Connection for dust extraction

Technical data

DIXI model		18 S
Motor	kW	4
Connected load	V/Hz	400 / 50
Pressing force	max. kN	180
Cycle time	s	22
Pressing time	s	12
Throw-in opening W x H	cm	107 x 62
Height above ground	cm	98
Width	cm	152
Depth	cm	95
Height	cm	197
Weight	kg	850
Ejected bale*		
W x H x D	approx. cm	110 x 70 x 70 – 80
Bale weight*	kg	120 – 180

* Bale height is adjustable ** Depends on the pressed material





The DIXI 25 S / 30 S model series with 25 or 30 tons of pressing force is the entry to the pro class and enables the pressing of bales weighing up to 360 kg.

The pressing of foil and cardboard or other compressible materials makes these machines an economical and reliable partner in the disposal chain.

The DIXI 25 S / 30 S model series is perfectly suited for the pressing of foil and cardboard. Through the microprocessor control unit with clearly arranged LCD display, the system can be quickly and easily changed-over from cardboard to foil. The special »Foil« setting prevents expansion of expansive materials, such as foil.



The clearly arranged operator panel

Thanks to the very large fill opening even large pieces of cardboard can be introduced into the baling press. The start automation when closing the filling opening facilitates operation of the DIXI 25 S / 30 S model series. The hydraulic bale ejector ensures the necessary convenience when ejecting the heavy, pressed bales that weigh up to 360 kg.



Equipment features

- Microprocessor control.
- Low-maintenance.
- Multilingual, clearly arranged LCD display.
- The »bale size« and a pressure change from »paper materials« to »foil material« can be entered.
- Automatic start function when closing the filling flap – fast process sequence, automatic return stroke.
- Adjustable pressing time: The pressed material can be kept under pressure.
- Easy binding of the bale and hydraulic complete ejection.
- Two-stage hydraulics of the control block guarantee a fast press cycle.
- Generously dimensioned hydraulic system: High pressing force at low hydraulic pressure and low drive power.

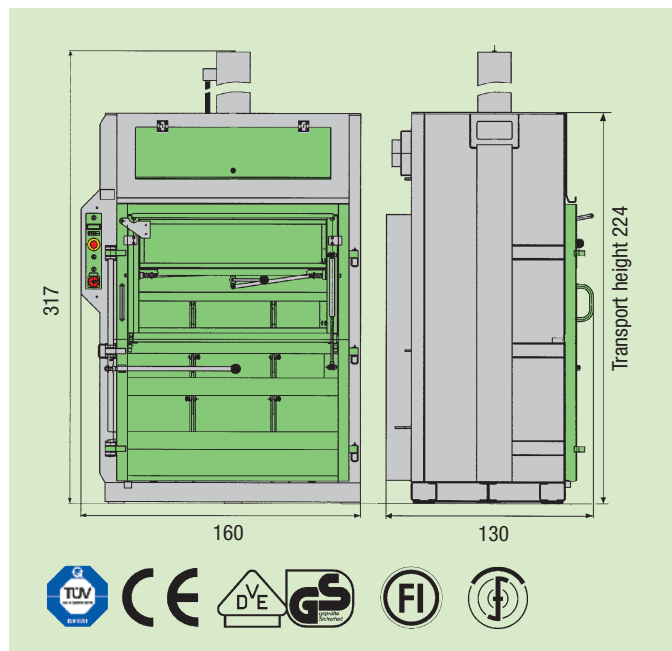
Special equipment

- Connection for dust extraction
- Hydraulic door opener
- Double flap

Technical data

DIXI model		25 S	30 S
Motor	kW	5.5	7.5
Connected load	V/Hz	400 / 50	
Pressing force	max. kN	250	300
Cycle time	s	24	29
Pressing time	s	13	14
Fill opening W x H	cm	120 x 67	
Height above ground	cm	94	
Split fill opening W x H	cm	107 x 26	
Height above ground	cm	131	
Width	cm	160	
Depth	cm	130	
Height***	cm	317	
Weight	kg	2180	2180
Ejected bale*			
W x H x D	approx. cm	120 x 80 x 80 – 110	
Bale weight*	kg	250 – 320	270 – 360

* Bale height is adjustable ** Depends on the pressed material *** Transport height 224 cm



50 S for economic and effectively
recyclable bales up to 500 kg

DIXI®



The DIXI 50 S with a pressing force of 50 t achieves bale weights of up to 500 kg.

Re-pressing of the bale in the disposal chain is unnecessary. This makes the pressed bales particularly interesting for the marketing of recyclable fractions. The pressing of foil and cardboard or other compressible materials makes these machines an economical and reliable partner in the disposal chain.

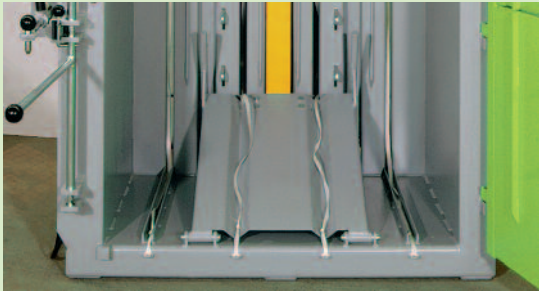
The DIXI 50 S model series is perfectly suited for the pressing of foil and cardboard. Through the microprocessor control unit with clearly arranged LCD display, the system can be quickly and easily changed-over from cardboard to foil.



Even wooden crates and similar items are no problem for the DIXI 50 S



The hydraulic door opener (option)



The ejector

The special »Foil« setting prevents expansion of expansive materials, such as foil. Thanks to the very large fill opening even large pieces of cardboard can be introduced into the bale press. The start automation when closing the filling opening facilitates operation of the DIXI 50 S model series.

The hydraulic bale ejector ensures the necessary convenience when ejecting the heavy, pressed bales that weigh up to 500 kg. Optionally the DIXI 50 S can be equipped with a hydraulic door opener, this is particularly recommended for material with a strong tendency to expand, such as foil.



Equipment features

- Microprocessor control.
- Low-maintenance.
- Multilingual, clearly arranged LCD display. All work functions are displayed.
- The »bale size« and a pressure change from »paper materials« to »foil material« can be entered.
- Automatic start function when closing the filling flap – fast process sequence, automatic return stroke.
- Adjustable pressing time: The pressed material can be kept under pressure.
- Easy binding of the bales and hydraulic complete ejection.
- Two-stage hydraulics of the control block guarantee a fast press cycle.
- Generously dimensioned hydraulic system: High pressing force at low hydraulic pressure and low drive power.

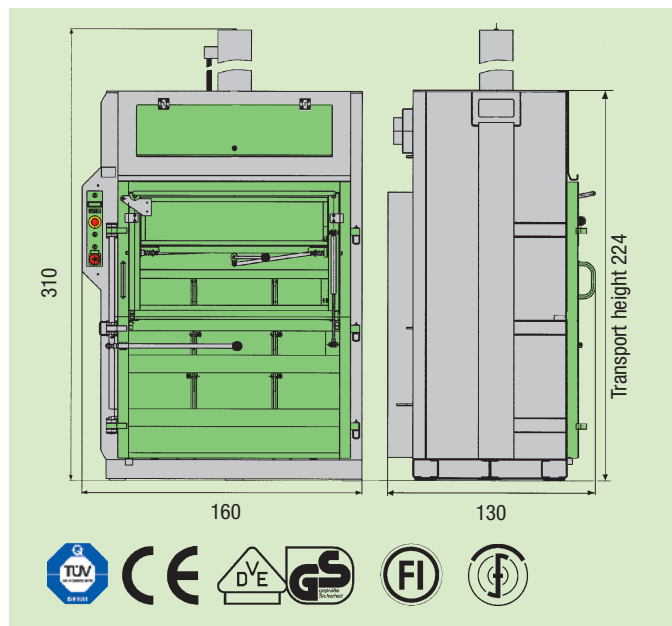
Special equipment

- Connection for dust extraction
- Hydraulic door opener

Technical data

DIXI model		50 S
Motor	kW	7.5
Connected load	V/Hz	400 / 50
Max. pressing force	kN	500
Cycle time	s	41
Pressing time	s	23
Width	cm	160
Depth	cm	130
Height***	cm	310
Weight	kg	2180
»Whole« throw-in opening		
W x H	cm	120 x 67
Height above ground	cm	94
»Split« throw-in opening		
W x H	cm	107 x 26
Height above ground	cm	131
Ejected bale*		
W x H x D	approx. cm	120 x 80 x 80 – 110
Bale weight*	kg	350 – 500

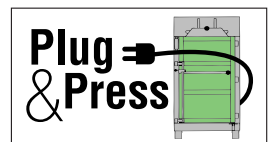
* Bale height is adjustable ** Depends on the pressed material *** Transport height 224 cm



60 S

60 t pressing force
at a minimal height

DIXI®



The DIXI 60 S model series with its minimal height of 2.17 m and a pressing force of 60 t makes the press the ideal partner for all volume-reducing processes. So much capacity in such a compact form is unprecedented.

The DIXI 60 S with a pressing force of 60 t achieves bale weights of up to 500 kg. Re-pressing of the bale in the disposal chain is unnecessary. This makes the pressed bales particularly interesting for the marketing of recyclable fractions. The pressing of foil and cardboard or other compressible materials makes these machines economical and reliable partners in the disposal chain.

The DIXI 60 S model series is perfectly suited for the pressing of foil and cardboard. Through the microprocessor control unit with clearly arranged LCD display, the system can be quickly and easily changed-over from cardboard to foil.



Even wooden crates and similar items are no problem for the DIXI 60 S



Easy binding with wire**



The hydraulic door opener

... with the proven wire snap-closing eyes



The special »Foil« setting prevents expansion of expansive materials, such as foil. Through the large automatic opening, which at the end of the press cycle automatically reopens, even large pieces of cardboard can be easily introduced into the bale presses. The start automation when closing the filling flap facilitates operation of the DIXI 60 S. The hydraulic bale ejector also provides the necessary convenience when ejecting a finished bale. The DIXI 60 S comes with a hydraulic door opener as standard equipment. This offers great advantages, when pressing material with a particularly strong tendency to expand, such as foil; the door is prevented from springing open.



Equipment features

- Microprocessor control.
- Low-maintenance.
- Multilingual, clearly arranged LCD display. All work functions are displayed.
- Minimal install height of only 217 cm – no installation effort for set-up on site.
- Easy filling through automatic opening of the filling flap.
- A pressure change-over from »paper materials« to »foil material« can be entered.
- Automatic start function when closing the filling flap – fast process sequence, automatic return stroke.
- Adjustable pressing time: The pressed material can be kept under pressure.
- Easy binding of the bale with binding wire**
- Complete hydraulic bale ejection.
- Generously dimensioned hydraulic system: High pressing force at low hydraulic pressure and low drive power.

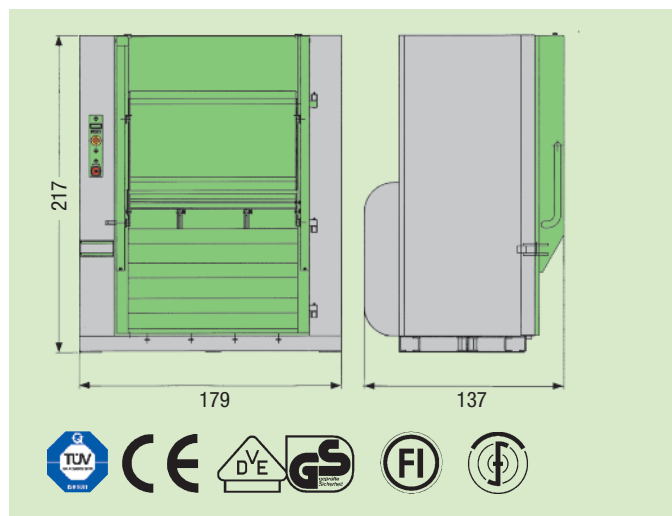
Special equipment

- Connection for dust extraction

Technical data

DIXI model		60 S
Motor	kW	7.5
Connected load	V/Hz	400 / 50
Pressing force	max. kN	600
Cycle time	s	36
Pressing time	s	16
Width	cm	189
Depth	cm	140
Height	cm	217
Weight	kg	2430
Toss-in opening		
W x H	cm	116 x 55
Height above ground	cm	118
Ejected bale		
W x H x D	approx. cm	120 x 80 x 110
Bale weight*	kg	340 – 500

* Depends on the pressed material ** Optionally with strap



60 SLD

... semi-automatic baler with a compaction force of 60 t for a cost-effective volume reduction

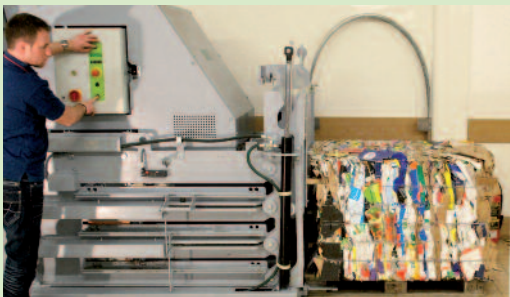
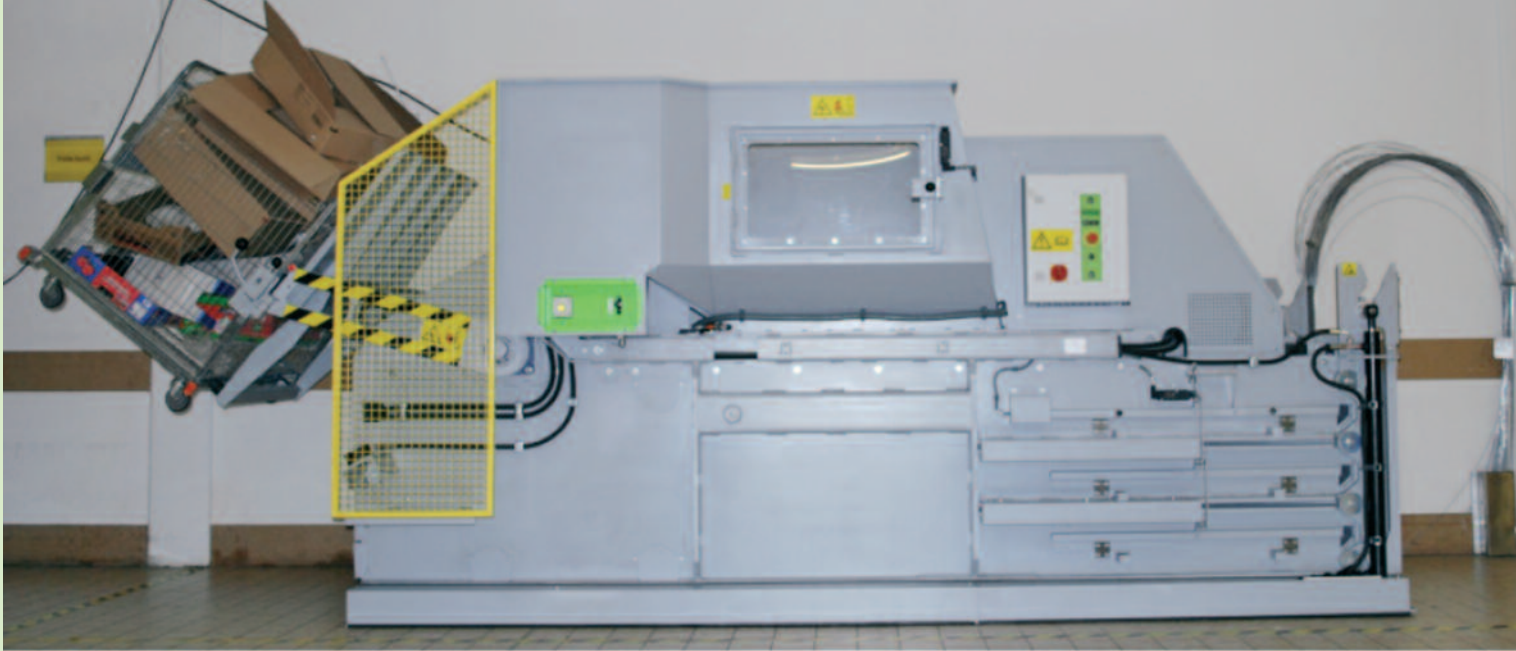
DIXI®



Semi-automatic press system with 60 tons of force for economical volume reduction of residual (recyclable) materials in industry & retail:

- Cardboard
- Foils
- PET bottles
- Tetra packages
- Foams
- Insulation mats and other compressible materials.



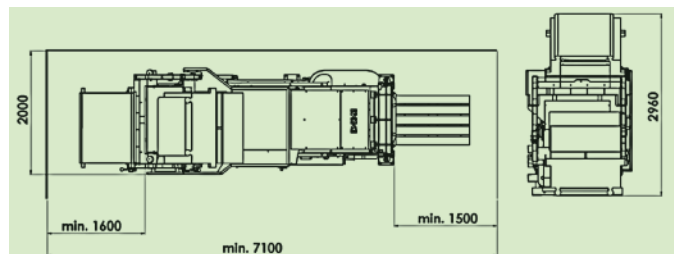


Equipment features

- Marketable bales up to approx. 410 kg
- Semi-automatic press system
- Variable construction – Feeding side / bale ejection – adaptable to the premises
- Easy tying of the compacted bales with quick link wires
- Easy bale ejection via hydraulic ejector
- Lifting-tilting equipment for metal cages available

Technical data

DIXI model	60 SLD
Dimensions of machine l x w x h	approx. 4,150 (5,080) x 1,725 x 2,035 mm
Opening w x l (Standard version)	990 x 1,110 mm
Weight of machine	approx. 5,420 kg
Compaction force	60 t / 600 kN
Compacting cycle (average value)	approx. 47 sec.
Bale size w x h x l	approx. 800 x 1,100 x 1,200 mm
Bale weight (depending upon material)	approx. 370 – 410 kg
Binding	manual
Quantity of bindings	3, with wire
Motor	7,5 kW; 400 V / 32 A



External dimensions without place requirement for the ejected bale.
Pictures may include special equipment.



60 SLS

...semi-automatic press system with 60 tons of force for economical volume reduction

DIXI®



Semi-automatic press system with 60 tons of force for economical volume reduction of residual (recyclable) materials in industry & retail:

- Cardboard
- Foils
- PET bottles
- Tetra packages
- Foams
- Insulation mats and other compressible materials.





Illustrations show special equipment



... also available
with lift-tilt devices for
wire-mesh boxes

Equipment features

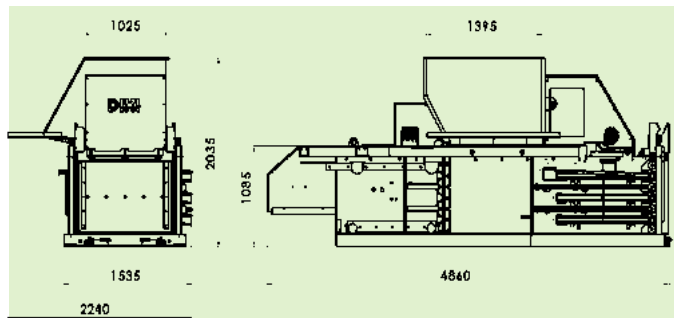
- Marketable bales up to approx. 450 kg.
- Semi-automatic press system.
- Variable structure – feed side/bale ejection – can be adapted to spatial conditions.
- Easy binding of the pressed bales thanks to pre-cut wires with snap closure eyes.
- Easy bale push-out through hydraulic ejector.

Special equipment

- Lifting-tilting equipment for metal cages available

Technical data

DIXI model	60 SLS	
Machine dimensions L x H x W	approx. mm	4860 x 2240 x 2130
Fill opening W x H (standard)	mm	990 or 1110
Machine weight	approx. kg	5220
Pressing force	max. kN	600
Press cycle (average value)	approx. s	27
Bale size W x H x L	approx. mm	1100 x 800 x 1200
Bale weight (depends on material)	approx. kg	370 – 450
Binding		Manual
Number of bindings		3, with snap-closure wires
Drive power		11 kW; 400 V / 32 A



Exterior dimensions without the space requirements for the pushed-out bale.



SLK

automatic channel baling press

DIXI®



DIXI 60 SLK in use for a waste disposal company. Material supply via a conveyor belt with pre-compacting in the fill shaft. Hourly capacity up to 4 tonnes of cardboard.

The fully automated DIXI SLK high-capacity channel presses open new perspectives for implementation of practical, industry-specific solutions against mountains of waste (recyclable fractions). Waste materials in large quantities and residual materials from production require a high degree of handling expense, waste valuable storage space and involve high costs for removal transport for recycling or reuse.

Through selective volume reduction with powerful press systems these unprofitable loads can be reduced to a minimum.

We build your press: The automatic DIXI SLK channel press product range offers convincing details and absolute adaptability!





DIXI 50 SLK for pressing of textile fibres for production of insulating materials.

Permanent pressing with material supply via extraction from different stations.

Bale weight approx. 240 – 300 kg



DIXI 60 SLK for pressing of punched aluminium scrap in the automotive supplier industry.

Permanent pressing with material intake directly from production lines with conveyor belts.

Bale weight approx. 600 – 700 kg



DIXI 40 SLK at use in a paper mill for hygiene tissue. Edge strips from production are pressed.

Supply takes place via extraction from different stations in the plant, and additionally via a lift-tilt device on the press.

Bale weight approx. 200 – 260 kg



DIXI 30 SLK in use for pressing of plastic or cotton materials for mattress and quilt production.

Material supply via extraction from multiple workstations and with lift-tilt device.

Bale weight approx. 200 – 260 kg



Use of a DIXI 60 SLK with extremely confined spatial conditions in a central warehouse for several furniture retailers.

Individual solution through a high-positioned charging platform and arrangement of the drive unit above the press.

Binding station with 300 kg wire rolls

Material transport

Material is transported to the press based on the condition of the material and the individual operational requirements, through

- Chain conveyors from a dump pit
- Conveyor belt out of the plant
- Supply with extraction from different stations
- Manual filling via containers

High profitability

We build »your« pressing system – optimal prerequisites for high-efficiency:

- Competent DIXI technical consulting
- Individual needs analysis
- Optimally matched capacity
- Flexible bale weight
- Stable compact design – low-maintenance
- Maintenance-friendly construction
- Customer service throughout Germany

Implementation possibilities

DIXI SLK channel bale presses are used successfully for volume reduction of many residual (recyclable) materials:

- Paper
- Cardboard
- Foils
- Plastic materials
- Metal foils
- Cloth materials
- Fibres
- Foams
- ... and comparable materials

Equipment features

- Oversized fill hopper with light barrier control: The throw-in opening is dimensioned in accordance with the pressing capacity with charging from above. When pressing, projecting material is cut off by a shear cutter. The connection possibility for automatic control of supply units is already prepared through the microprocessor control.
- Preliminary stages for improvement performance: For voluminous and bulky materials an additional hydraulic pre-press considerably increases throughput.
- The space-saving hydraulic unit is integrated in the system. It is free-standing and thus easily accessible for service.
- Microprocessor control unit with large LCD display and well-organised soft touch keyboard: All functions are entered via the clearly arranged soft-touch keypad, such as specification of the bale size. Operating status, service data and fault messages are also displayed. After reaching the set bale length, wire binding occurs automatically.
- The bale size is variable and can be specified from 30 to 160 cm in length.
- Automatic binding: A 3x binding is standard. Optionally bales can wound 5x. Use of large rolls of wire significantly reduces the wire change procedure.
- Economic disposal: Optimal bale size and high bale weights ensure ideal utilization of the load capacity of trucks or ship containers.

The system basis for all automatic DIXI SLK channel baling presses



25 FP even for the heaviest
steel-ribbed drums

DIXI®

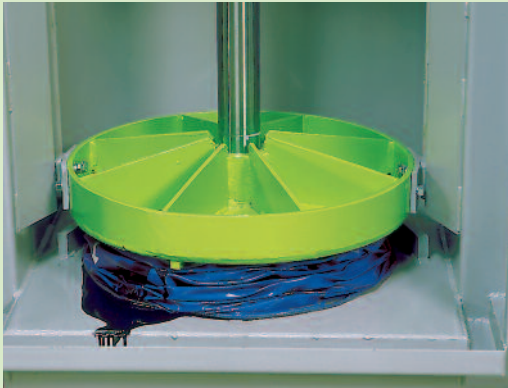


Even for the heaviest steel-ribbed drums –
the profitability of the drum press DIXI 25 FP is underscored.

Through the closed splash-guard cladding with large inspection window, this drum press offers an optimal safety concept. The hydraulic unit and the electric control system save space and are integrated in the machine stand for protection against external damage. The environmentally-conscious mode of operation is demonstrated through the liquid collection device.



Large press plunger: With vent spikes and two-sided guide



Environmentally effective: Collection device for residual liquids



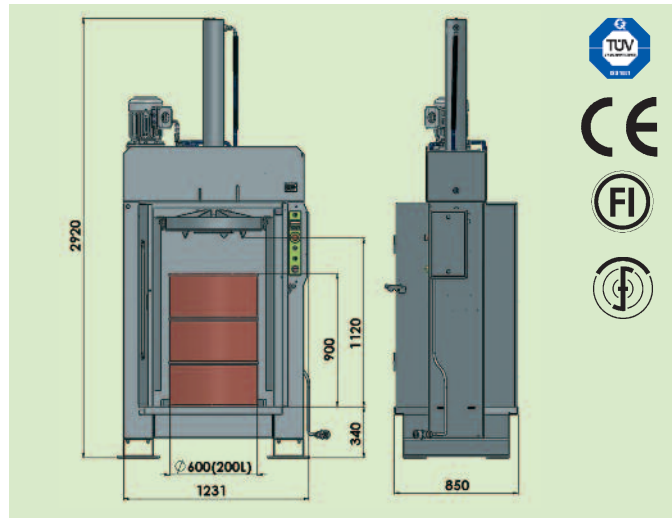
Equipment features

- Energy saving, quiet 2-stage hydraulics with automatic limit shutdown.
- Automatic pressing procedure: Put drum in, activate the start button and then take out the compressed drum.
- Liquid collection fixture for residual liquids – can be connected to an in-plant disposal network.
- Ventilation spikes punch holes in the drum surface for venting.
- Closed splash-guard cladding with inspection window, for complete protection of the operator.
- Hard-chrome plated piston rod.
- Electrical and hydraulic overload safeguard.
- Stable steel-weld construction in closed design – maintenance-free.

Technical data

DIXI model		25 FP
Motor	kW	5,5
Connected load	V/Hz	400 / 50
Pressing force	max. kN	250
Cycle time	s	32 / per barrel
Pressing time	s	14 / per barrel
Max. size of barrel	cm	Ø 60 x 112
Height from floor	cm	34
Width	cm	128
Depth	cm	85
Height*	cm	292
Weight	kg	800

* Transport height 240 cm





Modern manufacturing assures a high standard of quality

All the operations of the enterprise are centralised in at the company's headquarters facilities in Bermatingen on Lake Constance: Administration, development, parts manufacturing and final assembly work together transparently. Today the production area has increased to approximately 9,000 square meters. The expansion of the administration and production area will be continued and the completion of the new Mabe headquarters will be fulfilled until the end of 2018.

Know-how

With team spirit and commitment, qualified and motivated employees ensure the achievement of our ambitious corporate goals. We know: If you want to be a top player, you must be prepared to achieve something extraordinary.

We act accordingly: Through ongoing investment we guarantee the high quality standard of our products. Systematic inspections and test accompany all phases, from the development to all stages of manufacturing to shipment to our customers throughout the world.

Precision work for satisfied customers

In our company it is not just all products that are in-house designs or that are developed by ourselves to series production readiness, we also produce all component parts ourself – to the extent possible and to the extent that appears profitable for us. Trained employees operate state-of-the-art manufacturing equipment. In addition to the laser centre (www.laserschneiden.tv) our CNC-controlled welding robots and trimming presses comprise another important prerequisite for smoothly and sustainably fulfilling our own quality requirements and the high quality expectations of our customers. In our own paint shops our product receive the protective paint finish. Likewise, when installing standard parts we also impose high quality requirements and only use products that meet international standards.



Press systems to reduce the volume of recyclable fractions



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