

Large document shredder 16.50 S

...with loose shredded material collection

High-performance large document shredder with a conveyor belt feed from the receiving table to the cutting mechanism



Space-saving solution

- Can be installed next to a wall
- Container is removed from the operator side

Simple operation

- Audible "container full" signal
- Accompanying visual display for operator and cutting process is halted

Mobile container

- Supplied as standard equipment
- Capacity 450 litres
- Ergonomic handle design for ease of handling
- Fold-down front panel for effortless removal of shredded material



Technical Data	Large Document Shredder 16.50 S	
Collecting sack volume	l	450
Filled weight	kg*	40 - 55
Sound level	dBA	74
Power supply	volt	400 / 3ph
Motor power	kW	7.5
Dimensions L x W x H	mm	1950 x 1200 x 1550
Weight	kg	726

*depending on material and cutting width



Shredder / Baler Combination 16.86

...with a hydraulic baler to compress the shredded material

The useful supplement to the large document shredder: the shredded material is automatically compressed into compact bales



Professional solution

- Shredder and baler operate in tandem
- Electronic compacting chamber level monitoring
- Compressing stroke is triggered automatically
- Shredder loading can continue while baler is compressing the material
- Audible "bale completed" signal
- Accompanying visual display for operator and cutting process is halted

Ease of handling

- Pushbutton control bale ejection
- Two straps ensure stable bales
- Alternative of bale ejection into plastic sack for clean, dust-free transport and weatherproof packaging



Technical Data	Shredder / Baler Combination 16.86	
Bale dimension L x W x H	approx. mm	770 x 600 x 500
Bale weight	kg*	60 - 80
Press force	approx. kN	80
Sound level	dBA	74
Power supply	volt	400 / 3ph
Motor power	kW	11.5
Dimensions L x W x H	mm	2875** x 1200 x 1550
Weight	kg	1256

* depending on material and cutting width

** 3480 mm with bale ejection flap open



16.50 VibroCompactor

...with vibrating compactor to reduce the shredded material volume

The economical alternative to baling: an exclusive MARTIN YALE innovation



Effective volume reduction

- Horizontal vibrations for high compression ratio
- Switches On / Off automatically as required
- Minimizes handling compared to loose material

Space-saving solution

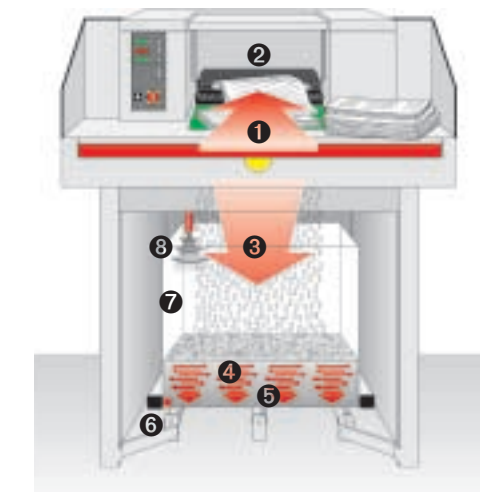
- Can be installed next to a wall
- Container is removed from the operator side

Choice of container solutions for environmental protection and recycling

- Disposable containers made from recycled material: container can be recycled complete with contents
- Reusable containers: with plastic liner
- Two-chamber system: advantages for handling, as each plastic bag weighs less

Ease of handling

- A standard trolley can be used to remove the container
- Handy, low-maintenance trolley optionally available



Work Sequence of the VibroCompactor

- 1 Input of paper etc. via conveyor belt
- 2 Material cut into particles
- 3 Particles fall into container
- 4 Horizontal shuttling of the container ensures even distribution and compacting of the particles
- 5 Automatic container clamping fixture
- 6 Container: disposable cardboard box or reusable container with plastic liner
- 7 Automatic cut-out when container is filled to capacity

Technical Data	16.50 VibroCompactor	
Collecting sack volume	l	300 or 2 x 150
Filled weight	kg*	50 - 90 or 2 x 25 to 45
Sound level	dBA	74
Power supply	volt	400 / 3ph
Motor power	kW	8.05
Dimensions L x W x H	mm	1950 x 1200 x 1550
Weight	kg	875

*depending on material and cutting width



Standard safety system 16.50 VibroCompactor

- Wide EMERGENCY STOP BAR on receiving table for immediate stop in an emergency
- Lockable master switch and key switch
- Safety switch on container access door to stop machine when flap is opened
- Motor protection device with thermosensor and overload relay

Standard safety equipment Shredder / Baler Combination 16.86

- Wide EMERGENCY STOP BAR on receiving table for immediate stop in an emergency
- Lockable master switch and key switch
- Safety switch on transfer flap between shredder and baler to switch machine off when flap is opened
- Overload protection in shredder / baler transfer area
- Safety switch on baler feed flap
- Safety interlock at bale ejection flap
- Safety switch to stop machine if baler is not in place or is out of position
- Motor protection device with thermosensor and overload relay

MARTIN YALE

Heavy Duty Shredder

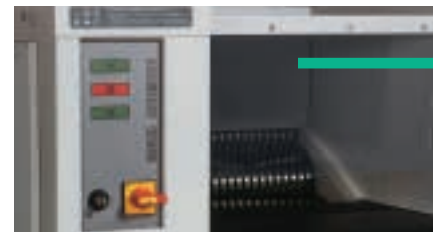
High performance

- High-power, thermally protected geared electric motor (7.5 kW) and stable drive
- Rugged, wear-resistant cutting rollers made from high-grade steel for optimum cutting performance
- 500 mm working width; suitable for all standard computer formats

Cutting mechanism versions

Security class	DIN 32 757-1	3	2	2
Size of shreds	mm	6 x 50	7.8 x 55	11.8 x 55
Shredding capacity*	sheets	300 - 330	350 - 420	400 - 550
Cutting speed	approx. m/sec	0.24	0.24	0.24
Working width	approx. mm	500	500	500

*based on 70 g/m² A4 paper. Sheet capacities vary depending on quality, weight, grain of paper and sufficient power supply.



Designed for ease of operation

- Clearly laid out, rugged soft-touch keypad
- Audible and visual (LED) status displays
- Lockable master switch and key switch to prevent unauthorised use



Trouble-free operation

- All system functions are microprocessor-controlled
- Automatic reverse and restart in case of overload



Large feed table with integral conveyor belt

- Generously sized feed table for controlled, fatigue-free, safe and rapid loading
- Cutting mechanism readily accessible for maintenance



Comprehensive safety features

- Extensive safety systems provided for all functions to protect the operator and the machinery
- VDE / GS approved and certified

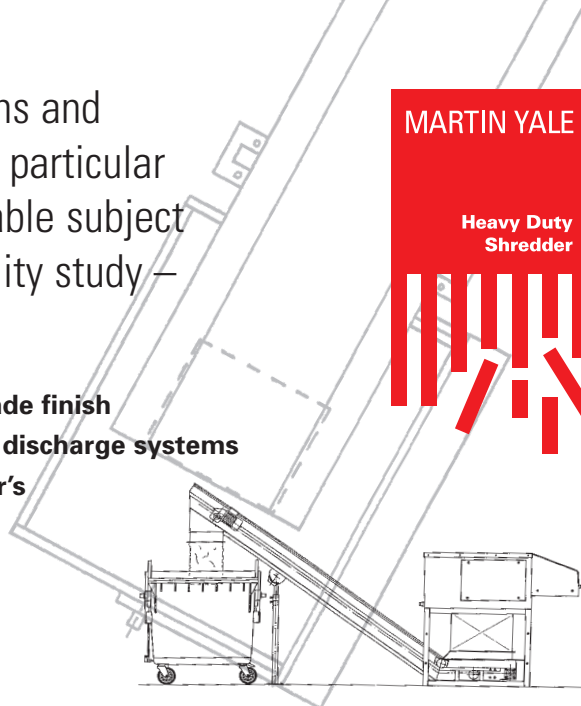
Useful add-on: Dust Extractor

- Standard design allows for connection of a dust extractor
- Appreciable improvement in air quality and working conditions
- Space-saving, mobile positioning next to the shredder



Customised solutions and special versions for particular requirements available subject to technical feasibility study – for example:

- Stainless steel food-grade finish
- Integration of feed and discharge systems
- Adaptation to customer's container



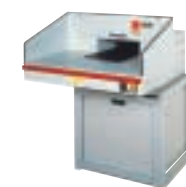
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Heavy Duty Shredder

General catalogue
Large Document Shredder Range



Administration Department shredders



Large shredders in a choice of capacity classes



VibroCompactors for volume reduction



Shredder / Baler Combination



Modular shredder combinations for very large volumes



Dust extractors



Packaging materials shredder

Technical changes and colour variances reserved; 1/2004

Further data shredder product lines from MARTIN YALE...

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Heavy Duty Shredder

Large Document Shredder **SERIES 16**

