



FLOW CHART:



- a strong solution for the environment

TECHNICAL DATA:

MOBILE SECURITY SHREDDING SYSTEM



- **Low operating costs**
- **Easy to operate**
- **Separate hard drive shredder**
- **Adaptable to various bin sizes**



MAK II - BT or FL

- Machine- and shredder room solid built on a trailer or fixed on truck
- Bottomframe and box design built in ordinary steel
- Engine-, shredder- og compactor room are built of aluminium panels
- Shredder room is supplied with extraction
- Bin lifter is mounted on the side, hidden behind a door
- Extra door for storage of an extra bin
- Hydraulic opening backdoor for emptying of the compactor room
- Vision in funnel and cargo space incl. of air for cleaning of camera
- Lights in front, rear and sides

ReTec screw compactor:

- 2 pcs. screws lying lengthwise
- Electric-drive 2 x 4 kW

UNTHA RS40 Shredder:

- Cutting chamber dimension: 960 x 750 mm
- 2 x 22 kW electric motor
- Capacity: approx. 800 - 1100 kg/h
- Screen: Ø 35 mm
- 2 pcs. main shafts
- 2 pcs. secondary shafts
- Main shafts approx. 30 rpm and secondary shafts approx. 41 rpm

Diesel Generator set, Tier V:

- Type: IVECO AIFO or similar
- 150 kVA
- Lubricating oil and coolant filled in
- Motor can use HVO diesel

ReTec bin lift and tuner with weighing system:

- Built for standard bins from 110 litres up to 660 litres for comb
- Power: Hydraulic tilting
- Weighing computer weigh bins and print a total

Unloading system:

- Walking Floor hydraulic powered

Hydraulic station placed in the engine room:

- Power for bin lifter and walking floor
- Hydraulic pump 7.5 kW

Painting:

- Basic frame is sandblasted and painted grey RAL 7021
- The rest of the container is delivered in raw aluxsered aluminium

BT = Boogie-trailer
FL = Built on truck

MAK III - BT or FL

- Machine- and shredder room solid built on a trailer or fixed on truck
- Bottomframe and box design built in ordinary steel
- Engine-, shredder- og compactor room are built of aluminium panels
- Shredder room is supplied with extraction
- Bin lifter is mounted on the side, hidden behind a door
- Extra door for storage of an extra bin
- Hydraulic opening backdoor for emptying of the compactor room
- Vision in funnel and cargo space incl. of air for cleaning of camera
- Lights front, rear and sides

ReTec screw compactor:

- 2 big screws lying lengthwise
- Electric-drive 2 x 4 kW

UNTHA RS50 Shredder:

- Cutting chamber dimension: 1230 x 700 mm
- 2 x 30 kW electric motor
- Capacity: approx. 1000 - 1400 kg/h
- Screen: Ø 35 mm
- 2 pcs. main shafts
- 2 pcs. secondary shafts
- Main shafts approx. 28 rpm and secondary shafts approx. 41 rpm

Diesel Generator set, Tier V:

- Type: IVECO AIFO or similar
- 200 kVA
- Lubricating oil and coolant filled in
- Motor can use HVO diesel

ReTec bin lift and tuner with weighing system:

- Built for standard bins from 110 litres up to 660 litres for comb
- Hydraulic powered
- Weighing computer weigh bins and print a total

Unloading system:

- Walking Floor hydraulic powered

Hydraulic station placed in the engine room:

- Hydraulic pump 7,5 kW
- Quantity of oil: 75 litres

Painting:

- Basic frame will be sandblasted and painted grey RAL 7021
- The rest of the container is delivered in raw aluxsered aluminium



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ReTec develops, constructs and manufactures special machines for the waste and recycling industry. We offer practical solutions to our customer's needs, helping them increase profitability in their business.

MOBILE SECURITY SHREDDING SYSTEM

FOR DESTRUCTION OF DOCUMENTS, CD'S/DVD'S, HARD DRIVES, CREDIT CARDS AND RING BINDERS

ReTec developed and built the first mobile security shredding system in 2000. Since then we have built more than 25 mobile security shredding plants. The plants are built with a capacity up to 1.500

kg/h and custom built according to the customers requirements at our inhouse production facilities in Haderslev (Denmark). Our mobile security shredding plant is built in 4 models: MAK II

FL (built on a truck), MAK II BT (boogie-trailer), MAK III FL and MAK III BT. Below, you can find pictures of some of our mobile security shredding plants built in recent years.



- 1 UNTHA reliable shredding systems
- 2 IVECO diesel generator for optimal energy use
- 3 ReTec bin lifting system for 110-660 liter bins
- 4 Screw conveyor for transport and additional security
- 5 Keith Walking Floor for unloading
- 6 Easy opening of the truck for unloading
- 7 Shredded documents ready for unload
- 8 Input hard drives
- 9 Hard drive shredder room

Benefits:

- Weighing system with printing of customer receipt
- Reliable shredding according to DIN norm 66399
- Data collection
- Wear parts with long lifespan
- Remote support via GSM-modem



Destroyed hard drives.



The paper is shredded and mixed into the locked cargo room with a capacity of approx. 5-6 tons shredded paper. The output material fulfills DIN norm 66399 security level P3/P4 through the mixing and the screen size of the shredder.



Unloading backwards with a Walking Floor.



MAK II CT



MAK II FL



Optional hard drive shredder



TÜV / Force approved weighing system for various bin sizes.



Engine room with diesel generator set and hydraulic station.



Integrated touch weight- and control panel for plant.