

# Disassembly Instructions for Recycling

## Seating

Martela seating is designed to be used in its original use as long as possible and each product family is tested according relevant EN standards to verify at minimum ten year use-life for the product before product is released for sales. Martela recommends maintaining the usability of the product by monitoring the tightness of the mechanical joints and keeping any upholstery clean. Majority of the Martela seating is designed to be reupholstered by professionals.

Martela seating can be demounted into components without special tools to enable component reuse and secondarily material recycling when the product has reached its full lifetime. Dismantling is possible with commonly used simple manual tools except apply to constituent components such as wood fiber, glue and laminate in panels. Based on the local material recovery possibilities upholstery can be left on padding if both fractions are used as energy source.

### Tools Required

- Protective glasses
- Utility knife
- Scissors
- Hammer/Sledgehammer
- Phillips screwdriver
- Chisel head screwdriver
- Torx screwdriver
- Hex wrench
- Pliers
- Magnet

# Disassembly Instructions for Recycling Seating

## Task chairs and chairs with caster bases

Product Series like James, Sola, GripNXT, etc



### Disassembly instructions

Disassemble only to the point that materials need to be separated for recycling or proper disposal. More detailed information on the structure and materials can be found in product specific drawings, which you can request at [export@martela.com](mailto:export@martela.com), [kundeservice@martela.no](mailto:kundeservice@martela.no) (Norway) or [info@martela.se](mailto:info@martela.se) (Sweden).

- Turn the chair upside down and remove the casters from the chair base with a hammer
- Remove the 5-star or 4-star base and the gas spring
- Some fasteners may be hidden under plastic covers on the seat construction. Remove the plastic cover with a flat screwdriver
- Remove all visible fasteners that secure the mechanism to the chair seat and chair back. Remove all visible fasteners that attach the backrest, armrests and other possible accessories to the chair frame
- Cut the fabric or mesh from all surfaces with scissors or a knife
- Remove the padding and check if there are any cast metal or plastic parts in the padding
- Sort the removed components according to the material according to the instructions of the local recycling system

### Typical materials by component type

Steel	base, armrest, back, seat, mechanism, lever, castor pin (magnetic)
Aluminum	base, armrest, frame (non-magnetic)
Zinc	hardware (non-magnetic)
Wood	frame, backs, seat
Fabric	upholstery
Foam	seat, armrest and back cushion
Nylon	base, castor, knob, handle, armrest
Polypropylene	back insert, seat insert

# Disassembly Instructions for Recycling Seating

## Chairs, benches and stools

Product Series like Elly, Form, Sola, Kilta, etc



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- Turn the chair upside down and remove all visible fasteners that secure the mechanism to the chair seat and back parts
- Cut the fabric from all surfaces with universal knife
- Remove the padding and check if there are any metal or plastic parts inside the padding
- Sort the removed components according to the material according to the instructions of the local recycling system

### Typical materials by component type

Steel	base, armrest (magnetic)
Aluminum	base, frame (non-magnetic)
Zinc	hardware (non-magnetic)
Wood	frame, back, seat
Fabric	upholstery
Foam	seat, armrest and back cushions
Polypropylene	padding insert, glide

# Disassembly Instructions for Recycling Seating

## Sofas

Product Series like Movie, Nooa, Noora, Pod, etc



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- Remove the loose cushions, partition walls or special high back parts
- Turn the sofa upside down and remove all visible fasteners that secure the base or legs to the seating part
- remove the base/legs
- Cut the fabric from all surfaces with universal knife
- Remove the padding and check if there are any metal or plastic parts inside the padding.
- Sort the removed components according to the material according to the instructions of the local recycling system

### Typical materials by component type

Steel	base, leg, armrest (magnetic)
Aluminum	base, leg, frame (non-magnetic)
Zinc	hardware (non-magnetic)
Wood	frame, leg, back, seat
Fabric	upholstery
Foam	seat, armrest and back cushions
Polypropylene	padding insert, glide