

OMS AT-53

FULLY AUTOMATED SHRINK HOODING MACHINE



Reliable mechanical bag opening process



Easy integration over existing conveyors



Film loading and maintenance at ground level



Film reel holders with driven air mandrels

The OMS AT-53 is a fully-automatic shrink hooding machine which forms and applies hoods to palletised and non-palletised products using tubular shrink film.

FEATURES & BENEFITS

Easy Integration over Existing Conveyors

Can be installed over existing conveyors without modifications. Pack or Pallet lifting device may be required.

Driven Film Reel Holder(s) with Air Mandrels

Motorized air mandrels eliminate core slippage and mitigate the effects of film blocking. They can support steel, plastic or cardboard cores up to 500kg.

Mechanical Bag Opening

Mechanical fingers open each and every bag regardless of static build up, meaning no bags are wasted.

Patented Hot Air Generators

Efficient hot air generators, powered by LPG or natural gas, distribute heat evenly and consistently ensuring minimal gas consumption and optimally shrunk packs.

Motorized Film Stretch Process	Stretch group is opened by synchronized motor and gearbox drives, rather than complex, noisy, hydraulic systems with potential for leaks.
Easy Film Reel Changeover	New film is easily threaded into the film clamps. Extractable film carriage is standard for machines with 2 or more reel holders.
Ground Level Film Loading & Maintenance	Eliminates risks involved with working at height.
Optional Equipment	Pedestal or Desk Control Panel, Driven Conveyors, Centering Device, Pack Lifting, Film-End Signal, Mark Reader, Pack Height Detection Device.
Safety Guarding Options	Gordian can offer a full perimeter safety guarding system in partnership with our safety system suppliers.

Film	Shrink Polyethylene
Film Thickness	80 - 200 micron
Reel Diameter	Up to 750 mm
Reel Max. Weight	330 kg
Production Speed	Up to 120 pallets/hr, depending on pack size
Pallet Dims (Small, Medium & Large)	750 x 750 mm, 1300 x 1300 mm, 1600 x 1600 mm
Air Pressure	5.5 – 7bar
Air Consumption	100 NI/cycle approx.
Power Supply	400-415V, 3Ph – 50/60Hz



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