

Technical drawing

A = Air connection E = Electrical connection W = Water connection

TECHNICAL SPECIFICATIONS

FD316

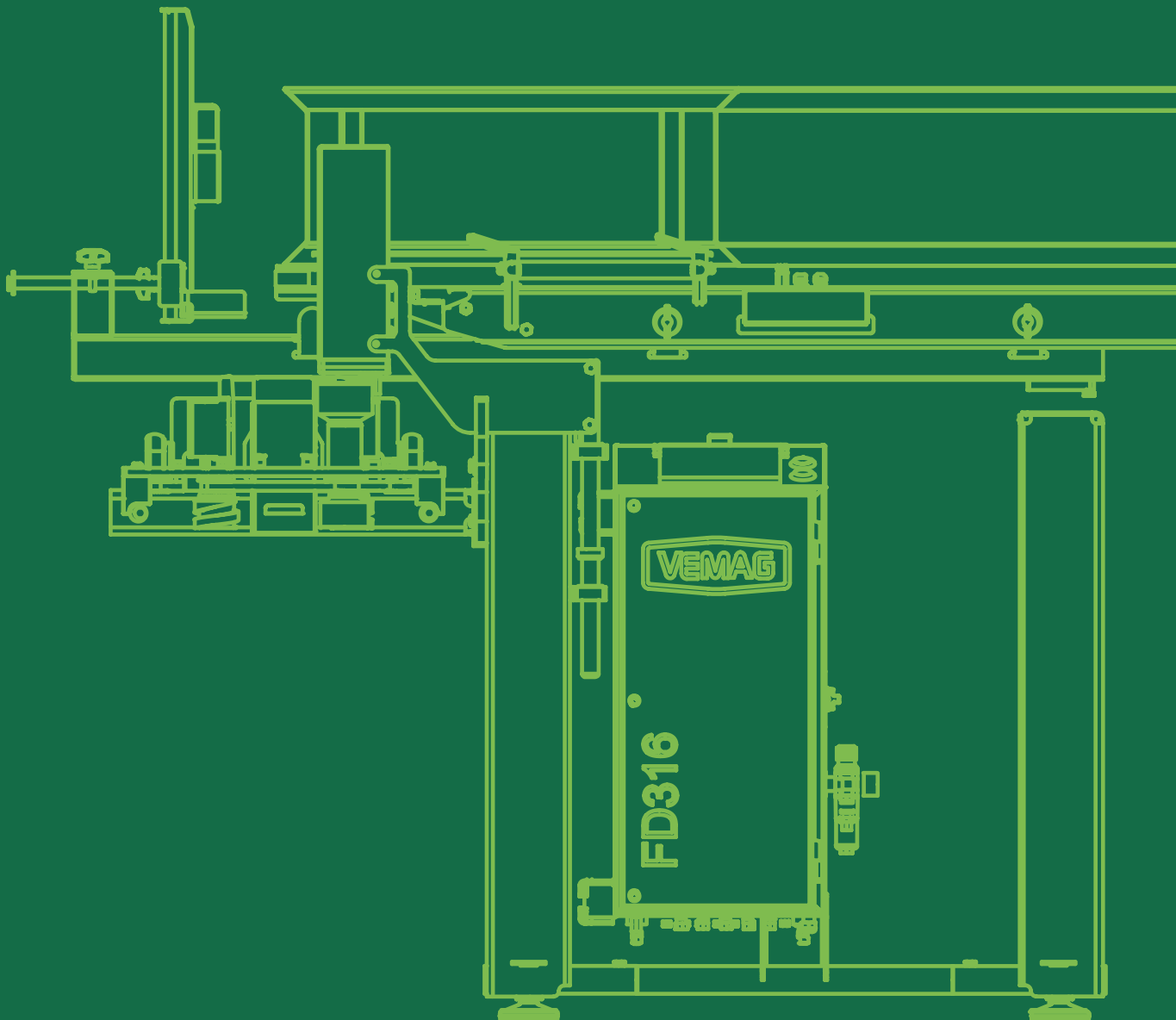
Tray width	135–270 mm
Tray length	135–325 mm
Tray height	10–100 mm



FD316

DENEST AND POSITION TRAYS WITH EASE

DATA SHEET



YOUR RELIABLE PACKAGING ASSISTANT

Quickly and Efficiently Separate and Position Trays

Your products have to be placed carefully and continuously into packaging. But your focus is on manufacturing your product. Peripheral systems that provide packaging materials simply have to work efficiently – they're not what you focus on.

The VEMAG FD316 denester quickly and absolutely reliably separates and positions trays from a tray stack. You can use denesting cassettes individually in conjunction with any VEMAG loading line. Changing cassettes is quick and easy. Denesting with the FD316 can be done manually or automatically.

The VEMAG FD316 offers a wide range of flexibility and absolutely dependable feeding technology so that you can fulfil your customers' requirements.

Benefits at a Glance

- Separate trays from a stack and position them precisely for loading
- Suitable for all common types of tray: plastic, foam and aluminium
- Easily replaceable cassettes make for quick set-up times
- Can be used for a wide range of tray formats
- Easy to integrate into existing lines
- The tray stack is decompressed to ensure reliable denesting

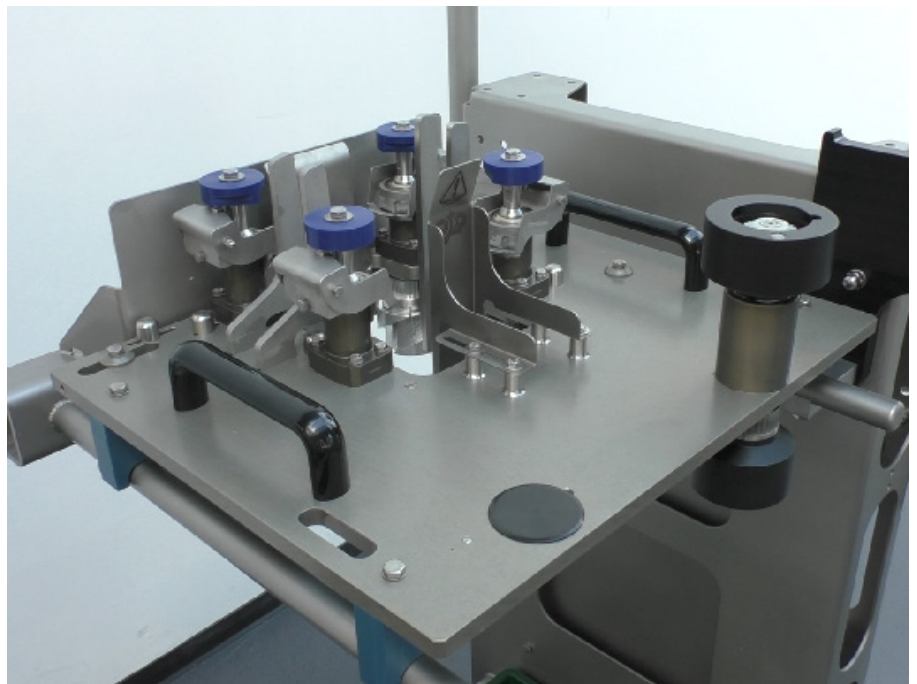
Denester Cassette

The Principle

- The tray stack, which is often compressed in transport, is mechanically decompressed
- Different kinds of trays are reliably separated (plastic, foam, aluminium, etc.)
- Change the denester cassette to switch formats quickly

The Benefits

- Up to 160 trays per minute can be reliably and safely placed down
- Unique flexibility: cassettes can be used on other VEMAG machines such as the SL305/306, DL302 and LL335
- Standalone solution for your particular situation: providing trays for equipment such as chop cutters
- Save time by setting up without tools



Denester Cassette

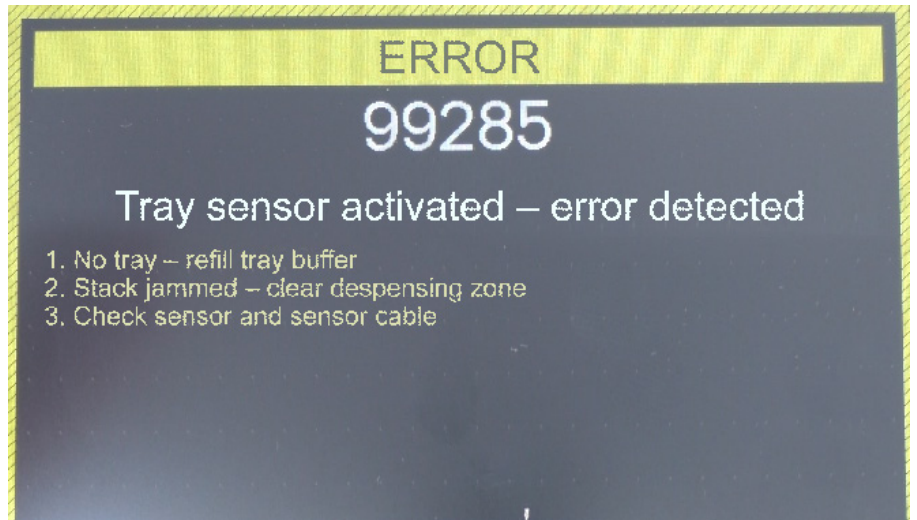
Operating Panel and Indicator Lights

The Principle

- Easy to control speed (trays per minute)
- Set manual or automatic mode
- Create and save programs
- Help texts for fault analysis
- Visual fault reports

The Benefits

- Very easy and intuitive to control any parameters
- Fast programme selection
- Troubleshoot quickly and easily using user prompts, to reduce downtimes



The Display with Error Indication

Buffer Conveyor (optional)

The Principle

- Hold multiple tray stacks ready for uninterrupted process
- Automatically convey tray stacks into the cassette
- Adjustable belt speed

The Benefits

- Automatic lines are kept in continuous operation for longer and the risk of unnecessary downtime is minimised
- Higher effective production output
- Optimised use of personnel: operating staff can take care of other duties



FD316