

HAVER & BOECKER



INTEGRA® ISF1

THE NEW FFS EDITION



The new INTEGRA® ISF1 FFS EDITION

1 The secure BAG GRIPPER

- New low-maintenance bag gripper assures secure bag handling.
- Especially robust with lasting grip strength.

2 The intelligent DIAGNOSTIC ILLUMINATION

- Diagnostic illumination allows recognition of the machine status from afar and reaction without delay:
- BLUE = the machine is in operation
- WHITE = inspection mode with open doors
- RED = indicates fault mode

3 The optimum ACCESSIBILITY

- Through large side, rear and front doors.
- Visual process monitoring through large windows.

4 The automatic PERFORMANCE OPTIMIZATION

- Self-adaptive, the machine decides "by itself".
- Sensors in the material flow determine continuously and precisely the flow characteristic and thus constantly assure efficient results.
- Using these data, the machine automatically and optimally adjusts to reach the highest possible performance.
- No manual adjustment necessary.

5 The simple MAINTENANCE and CLEANING

- Maintenance-targeted accessibility to the different assemblies.
- Maintenance-friendly through a collection tray.

6 The reliable SAFETY SWITCH

- Considerably enhanced machine operator safety via mechanical latching and unlatching (opening of doors during operation is no longer possible).
- Less dust.

7 The interactive TOUCHPANEL

- Parameters in 3D images for various operating messages (use of images, text and button descriptions).
- 15-inch display available as an option.

8 The personalized RFID LOG-IN RFID = radio frequency identification

- Personalized log-in via a chip or stick with immediate display of the operator's authorization level.
- Entering or remembering a password no longer necessary.
- Feel of responsibility and haptic experience by the operator.

9 The ingenious TOOLBOX

- For tools and spare parts.

10 The preventive MAINTENANCE

- Continuous recording of "operating data" and automatic maintenance advisory.

11 The modular EXPANDABILITY

- Modular expandability from 600 bags/hr., to 1,200 bags/hr., and up to 2,600 bags/hr.

12 The continuous DATA TRANSMISSION

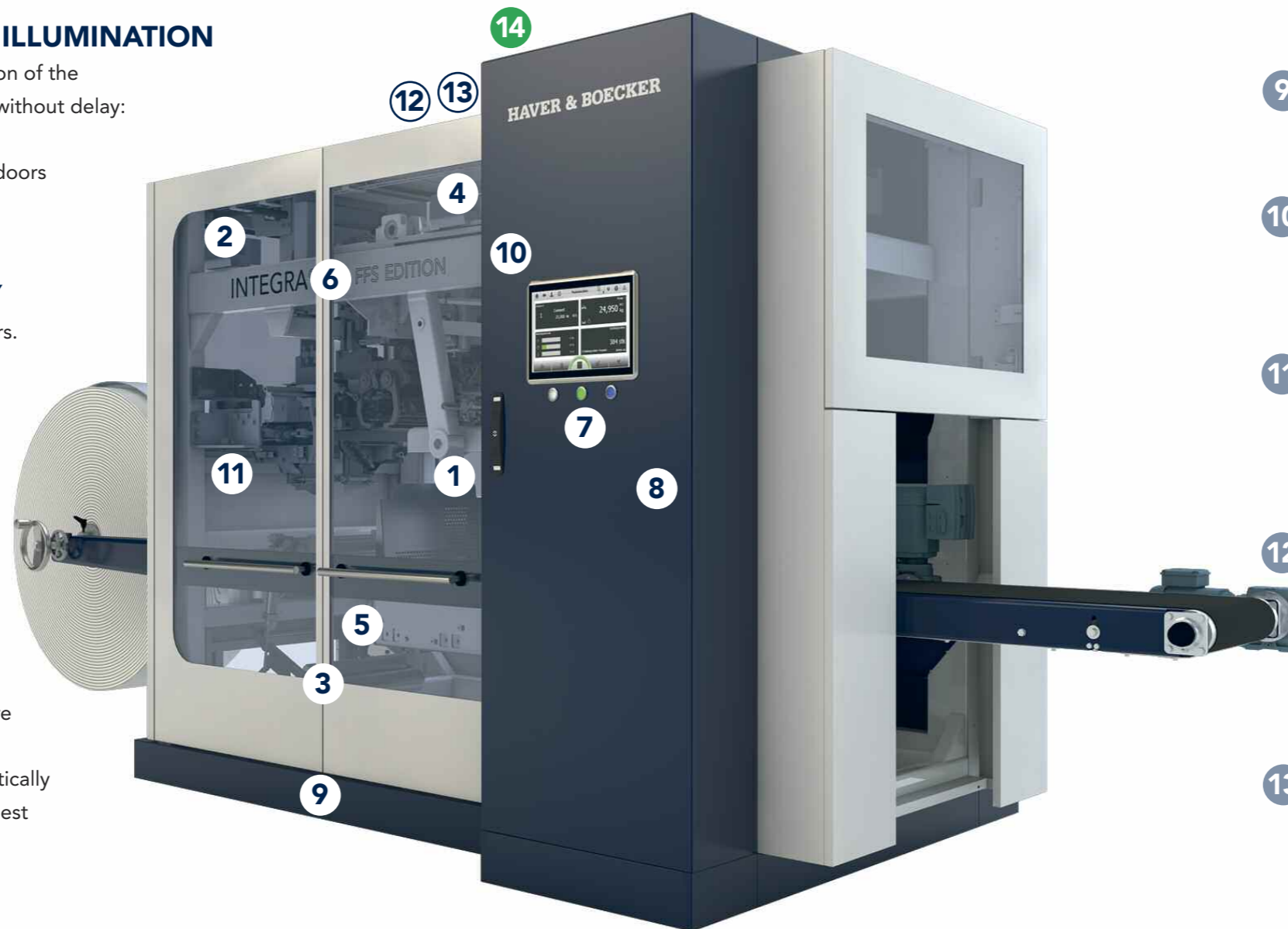
- Machine with DSL connection and UMTS access as standard equipment:
- Technical remote maintenance.
- Recording of production data.

13 The reduced NOISE LEVEL

- Significant reduction of the noise level by an intelligent diversion of exhaust air from the cylinders

14 eco-line equipped to be energy-efficient

- Electrical energy savings from:
 - Energy-efficient motors.
 - Utilization of brake energy.
- Reducing compressed air consumption by:
 - Using water cooling instead of compressed air cooling at the welded seams
 - Using an electric linear drive instead of a pneumatic cylinder for the cutting unit.
- More economical on-site installation of the entire energy supply.



The complete **INTEGRA**[®] system family

HAYER & BOECKER INTEGRA[®] filling systems stand for stationary and completely housed packaging systems for filling cement, building products, minerals, chemical products, food and feedstuffs. With the new INTEGRA[®] machine family it is not only possible to fill into **valve bags**, but also into **pre-made open bags**, **tubular film** and **Big Bags**. Within the machine family there will be a variety of models that depend on the type of packaging.

Pack **ALL PRODUCTS** in
ANY BAG TYPE in
EVERY WEIGHT CLASS with one **SYSTEM**



INTEGRA[®]
ADAMS[®] EDITION



INTEGRA[®]
VALVE BAG EDITION



INTEGRA[®]
OPEN MOUTH EDITION

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