

TECHNICAL SPECIFICATION EFLEX 330 2S:

web width: 330 mm
printing length: min. 7" (180mm)
max. 20" (510mm)
Material from 18 Micron to 280 g/m²
Pre-Register
Autoregister
Servo drive 2 per print head

UNWIND MODULE:

1000 mm diameter capacity
high performance air core 76mm (Lug type leaves)
Servo braking system (closed loop)
automatic tension adjustment
Automatic web guide
splice guide with automatic paper clamps,
Operator control panel
End of Roll detection
(Options to add corona treater, web cleaning systems)

INFEEED ROLL:

Servo drive with nip roll (closed loop tension control)

FLEXO PRINTING MODULES:

HMI (touch screen operator interface)
28 D.P / 1/8" helical gearing
Servo driven impression roll
Independent servo driven anilox roll & print cylinder
Pre-register set up functions.
Auto-register
Cartridge based inking units
Ink fountain tray with integral metering roll,
doctor blades & side wipers.
On run lateral & linear register adjustment
Automatic plate throw off & constant anilox rotation

DRYING SYSTEM UV (on customer's specification) +

INFRA-RED:

Individual Eco-control dryers with variable 0 - 2Kw infrared lamps and forced air over substrate,
plus progressive temperature increase with press speed & waste air vacuum / extraction

SLITTING UNIT

2 x slitting unit - supplied with 5 x pneumatic crush slitters. (additional slitters optional)

ROTARY DIE / SHEETER MODULE:

2 x Independent servo driven die station
1 x Independent servo driven die / sheeter station
Each die unit is independently driven & equipped with heavy duty anvil roll
Removable anvil for reverse cutting applications
Lateral & linear manual register adjustment.

WASTE REWIND TURRET:

Servo driven rail mounted

REWIND MODULE

Direct torque motor drive

Suitable for film to board products

High performance air core

Core 76mm (Lug type leaves)

Roll Break detection

Inside or outside rolls option

Maximum reel diameter: 800 mm

HMI OPERATOR CONTROLS:

MAIN PLC touch-screen Operator Control Interface,

with predetermined count, press speed, Emergency Stop, Rewind tension adjustment.

Dryer controls, Pre-register, Data storage for job, materials, speeds, drying settings.

Diagnostics error display system for easy problem solving.

Focus remote service & support diagnosis

GUARDING:

Fully guarded to CE regulations

SUPPLY:

Electrical: 380/415V, 3 Phase, 120 Amp

Air 100 PSI @ 4 cfm (min)

final load subject to specification / options

SUMMARY:

Model eFlex 330-2 S

Full Servo Drive Technology

EFLEX 330 – 2 S & helical gearing

8 Colour + Extended Die Module

2 x Die + Sheeter

DRYER OPTIONS

8 X Lamp IR & Hot Air Drying Systems

8 x Lamp UV System + Chill Rolls & Chiller

OTHER OPTIONS – INCLUDED

Pre-register

Auto register

2nd Pass

Upgrade – Unwind Roll Lift

Corona - Single Sided (2 Kw)

Web Cleaner (2 Sided) with anti static

Rail System

Turn Bar with Delam-Relam (Rail mounted)

Cold Foil (Rail Mounted)

Sheet Stacker (Shingle Conveyor)

Peel & Reveal

Tint roll with air mandrel

Antistatic unit 4 bars

Rotary die adaptors (1 Set)

Edge trim extraction (Venturi) - requires air supply

Reverse rewind

Video Inspection System (double side viewing E + L)

FOCUS Video Plate mounter Platemate

Upgrade Full Length Rail

Rail Mounted Snow Ball Waste Rewind