

Comco Commander 22" Flexographic Press - For Sale (Serial No. F3605-6)

Overview:

This is a robust and highly capable Comco Commander flexographic printing press, serial number F3605-6, manufactured by Comco in Cincinnati, Ohio. The machine appears to be a multi-color, narrow to mid-web press, designed for versatile label and flexible packaging production. It features an operator interface, various control panels for web tension and registration, and a multi-unit printing section with a drying system.

The machine currently requires repair to the rewinder's engine.

Key Specifications:

Electrical Requirements: 460 V / 3 Phase / 60 Hz Cycle / 125 AMPs / Max 100 HP

Web Width:

- ❖ Minimum: Approximately 279 mm (11 inches)
- ❖ Maximum: 558 mm (22 inches)

Printing Units: Configured with 8 flexographic printing units. Typically capable of running water-based, UV, or solvent-based inks depending on the dryer configuration.

Plate Roll Throw Off: Visible controls for the ability to engage/disengage plate rolls.

Anilox Engagement: Controls for engaging anilox rolls are present.

Die-Cutting Units: The machine features sections typically used for die-cutting or converting. The "Material Thickness Compensation" and "Plate Roll Throw Off" dials are present in these sections, indicating versatility for different material types and cutting operations.

Number of Die-Cutting Stations: (Please confirm the exact number of die-cutting stations on your machine.)

Perforation Capabilities: Capable of applying perforations using a rotary unit, common on presses of this type. Plate Roll Repeat settings are visible on a control panel, indicating adjustable repeat lengths.

Cutting Features: Longitudinal cutting is achieved through circular knives for precise web slitting

Sheeting: The presence of the "Material Thickness Compensation" and converting sections indicate sheeting capabilities

Web Handling & Control:

- ❖ **Web Tension Control:** Multiple control panels dedicated to web tension are visible, including digital readouts and analog gauges for NIP pressure and NIP force.
- ❖ **Web Threading Diagram:** A diagram shows options for "High Tension Single Idler Dancer" (48# to 120# tension) and "Low Tension Double Idler Dancer" (Less than 48# tension), indicating sophisticated web tension management.
- ❖ **Register Control:** Dedicated "Register Control" panels are present, for automatic and manual registration adjustments.
- ❖ **Operator Interface:** Features a "Comco Operator Interface" display for system monitoring and control.
- ❖ **Unwind/Rewind:** Controls for "Unwind" and "Laminate Unwind" are visible, giving multiple unwind capabilities, for laminating.
- ❖ **Web Speed Trim:** Controls for web speed trim on the main drum dryer.

Drying System:

- ❖ **Type:** The extensive ductwork and large blowers visible throughout the machine indicate an upgraded and integrated hot air drying system across the printing units.
- ❖ **Enercon Watt Density Control:** Advanced system for surface treatment (corona treatment) to optimize ink adhesion.
- ❖ **Sterlco Temperature Control:** Controls temperature for chilling rolls or other process cooling within the machine.

Guardian Inspection System: PQV Print Quality Verification system by PC Industries gives an integrated system for monitoring print quality during operation.

Other Features:

- ❖ **Splicer Control:** A "Splicer Control" panel with options for "Top Splice," "Bottom Splice," "Auto Splice," and "Brake Release" gives an automatic or semi-automatic splicing capability.
- ❖ **Material Thickness Compensation:** Adjustable controls allow the press to handle a range of substrates.
- ❖ **Press Motion Controls:** Standard press motion controls (Start, Stop, Jog, Increase, Decrease) are visible on multiple panels.

Included Tooling List:

Comco 22 - Included Tooling List		
Cylinder (teeth)	Pitch	Quantity
88	8	2
98	8	10
101	8	7
114	8	3
144	8	1
145	8	11
154	8	10
164	8	1
182	16	8
185	16	6
191	16	5
192	16	12
204	16	10
211	16	10
221	16	8
225	16	10
230	16	9
235	16	9
237	16	10
241	16	8
249	16	8
253	16	9
256	16	10

261	16	7
263	16	6
265	16	19
269	16	4
273	16	6
276	16	9
280	8	1
280	16	8
283	16	9
285	16	12
288	8	6
288	16	10
292	16	10
296	16	10
302	16	6
309	16	10
316	16	10
317	16	5
320	16	9
322	16	10
326	16	10
329	16	10
336	16	10
340	16	9
343	16	12
348	16	8
354	16	14
360	16	1
TOTAL Cylinders:		418

Photos:



















