



# KPG 250/400

## Rotary Letterpress Laminate Tube Press

Combining its traditional CID (Central Impression Drum) technology with letterpress quality, KPG offers its Rotary Letterpress Laminate Tube Press as the best match for producing high-quality tube laminate for tooth paste tubes and healthcare products. Use of photopolymer letterpress plates allows accurate dots to be reproduced on the tube substrate under the considerable print pressure required for thick and uneven materials.

### KPG Corporation Sales Contact

#### ADDRESS

578 Yachi-Higashi,  
Kahokucho,  
Nishimurayamagun,  
Yamagata  
999-3511 JAPAN

#### EMAIL

sales@kpg-corp.jp

PHONE +81-3-3834-256

0 FAX +81-3-3834-2558

www.kpg-corp.jp

#### KPG (Europe) Ltd.

13 Holkham Road  
Orton Southgate  
Peterborough PE2 6TE U  
K

#### EMAIL

info@kpgeurope.com

PHONE +44-1733-23-55

33

FAX +44-1733-23-5117

www.kpgeurope.com

#### KPG Corporation

310 Hurricane Lane  
Williston VT 05495 USA

#### EMAIL

information@kpg-corp.c  
om

PHONE +1-802-872-032

9 FAX +1-802-872-0335

www.kpg-corp.com



Full Auto Type

Unlike modular press designs that require long web pass and produce considerable waste upon starts and stops, KPG's design uses a short pass around the CID, ensuring the least waste in handling expensive tube materials and achieving perfect print register with ease. The ultraviolet (UV) curing system cures printing inks instantaneously to ensure clean product conditions.

KPG 400 and 250 Rotary Letterpress Laminate Tube Presses are producing major brands of tooth paste tubes worldwide for multinational healthcare companies. KPG presses are still offering new innovations and technologies for tube laminate to grow, utilizing its cost advantage and ease of use.



KPG offers 3 types of web change systems for Laminate Tube Presses. While the standard type requires stopping the press to change tube material, the Semi-Auto Type with festoons or Full-Auto Type with fully automatic flying splicer and turret rewind will enable non-stop production, increase productivity and minimize waste. For smooth surface materials, a UV Flexo Laminate Tube Press will also be available.

### Technical Specifications

Web Width:	260 mm +/-5 mm (Model 250)	390 mm +/-5 mm (Model 400)
Print Width:	254 mm +/-5 mm (Model 250)	380 mm +/-5 mm (Model 400)
Print Capability:	6 to 12 colors + varnish	
Print Process:	UV Flexography or UV Rotary Letterpress	
Mechanical Press Speed:	150 m/min (Flexo) or 120 m/min (Letterpress)	
Print Repeat:	190.5 mm (7.5") to 457.2 mm (18") by 3.18 mm (1/8") Increments	
Plate thickness:	1.14 mm (0.045") Flexography plate with 0.5 mm (0.020") cushion tape Or 0.95 mm (0.037") Letterpress plate with 0.12 mm (0.005") sticky back	
Central Impression Drum:	1000 mm (39.37") or 1800 mm (70.87") (Flexo only)	
Tension Range:	50 N (5 kgf) to 150 N (15 kgf)	
Maximum Unwind Diameter:	610 mm (24.0")	
Unwind Core Inner Diameter:	Standard 76 mm (3") or Optional 152.4 mm (6")	
Product Rewind Diameter:	610 mm (24.0")	
Rewind Core Inner Diameter:	Standard 76 mm (3") or Optional 152.4 mm (6")	
Tension Control:	AC Servo	
Corona Treater:	1.5 kW (Model 250) single side rotary 2 kW (Model 400) single side rotary	
Slitter:	Choice of shear, razor or crushing slitter. (option)	
Main Motor:	11 kW (Model 250)	15 kW (Model 400)
Power Supply:	200 V +/-10 V, 3 phase	
Press:	35 KVA (Includes Auto Splicer and Rewinder) 70 KVA (UV Curing and others for 7 colors)	
Compressed Air Volume:	100 l/min	
Dimensions	Width 3.8 m (Model 250)	Width 4.0 m (Model 400)
(Standard 7-colors + varnish):	Height 2.5 m Length 8.0 m	

### KPG Corporation Sales Contact

**By Email:** sales@kpg-corp.jp **By Phone:** +81-3-3834-2560 **By Fax:** +81-3-3834-2558

**By Mail:** 578 Yachi-Higashi, Kahokucho, Nishimurayamagun, Yamagata 999-3511 JAPAN

**Visit Our Website:** <http://www.kpg-corp.jp>