

Orient X-Cel 36,000 CPH

# An Introduction: Our history

Sri K.D. Kohli receiving  
the Kohinoor Ratna

The Printer's House (TPH) Orient group is a diversified group of companies founded in 1946 that is an industry leader in the manufacturing and supply of a host of engineered products from India. A renowned and trusted name globally when it comes to quality manufacturing.

**The Year was 1946.** K.D. Kohli, a freedom fighter and newspaperman, started The Printers House (TPH) Orient group. Since then, TPH has carved a formidable reputation as a quality conscious technology driven manufacturer of a number of products. Tph's adherence to global standards has enabled to export its products to more than 60 countries worldwide.

All our products are produced at factories in a 20 acre campus in Delhi NCR. Tph takes pride in being a company of Indian origin, started by an enterprising freedom fighter turned Newspaperman Mr. K.D. Kohli. The TPH Orient group is now a diversified group of companies and a market leader in printing machinery, packaging machinery, printing consumables, engineering services for Defence and aerospace, and solar energy.

However, it is in our humble origins we take solace and hope to continue to grow whilst supplying a product that can match any global standard.

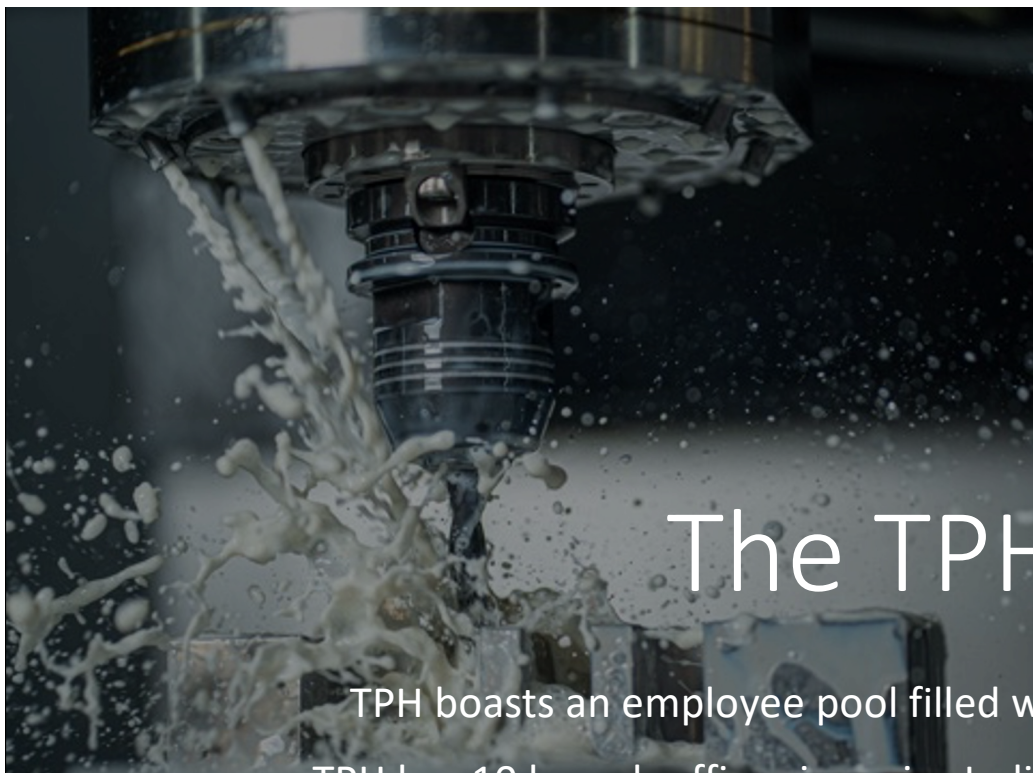
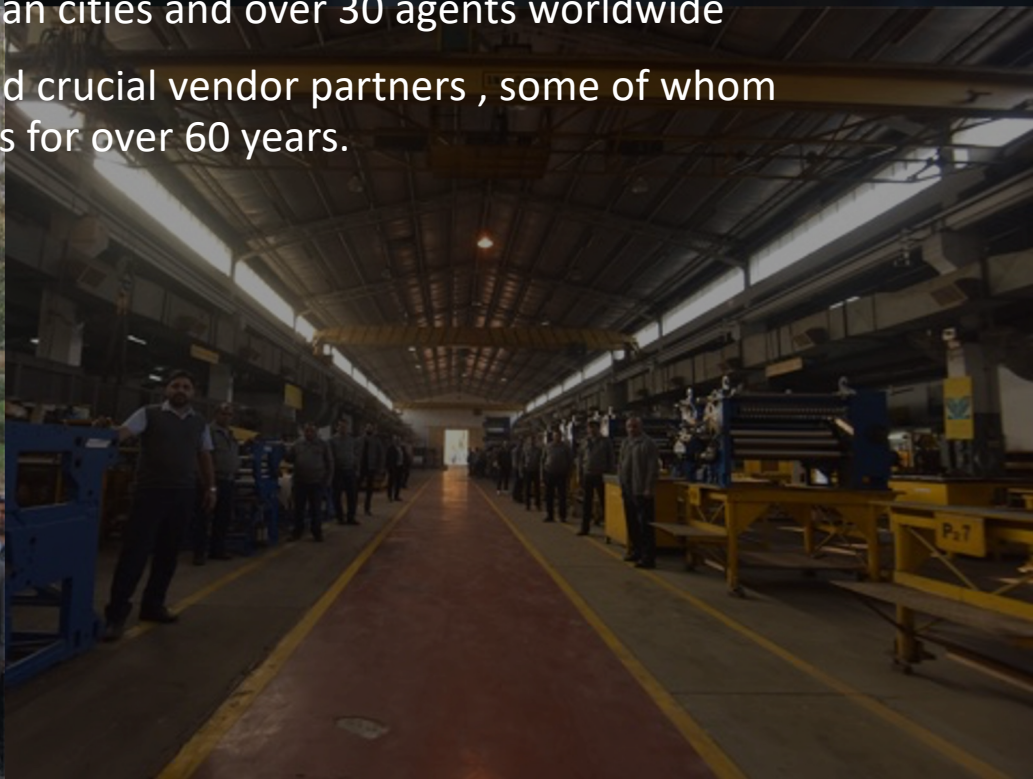


# The TPH Family

TPH boasts an employee pool filled with skilled engineers & professionals.

TPH has 10 branch offices in major Indian cities and over 30 agents worldwide

The TPH family also extends to its loyal and crucial vendor partners , some of whom have grown with us for over 60 years.









# The Global Presence

With exports to over 60 countries , TPH boasts a huge export portfolio which exemplifies our commitment to deliver high quality and high precision products with world class quality.





# Manufacturing facilities

- The TPH Orient group manufacturing campus spans 20 acres in area with lush green landscape
  - The campus houses various manufacturing units including a CNC workshop fitted with state of the art CNC's for mechanical engineering purposes. Additionally our numerous testing and quality control equipment and pool of engineers allows us to provide world class products globally.
  - Our campus has facilities for products such as printing chemicals, offset printing machines, flexo printing machines, folder gluers , die cutters, high efficiency solar modules, printing plates, printing blankets, defense and aerospace engineered products etc.
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# Our Patrons

With over 20,000 printing units supplied worldwide TPH enjoys strong relationships with some of the most distinguished and reputed commercial printers, publishers, and news houses in the world.

**ORIENT**  
Web Offset Presses

**tph**  
Quality without compromise

**Our distinguished Patrons**

**hindustantimes** **अमर उजाला**

**दैनिक भास्कर** **दैनिक जागरण**

**लोकमत** **The Indian EXPRESS** **नवभारत**  
JOURNALISM OF COURAGE

**राजस्थान पत्रिका** **The Tribune**

**दिव्य भास्कर** **भोजी** **REPRO**

**ভ্রাত্ত্ব সংঘ**

**ସମ୍ବାଦ** **தினகாண்**

**సమస్త తెలంగాణ** **മായ്യമം**

**ദേശാഭിമാനി** **सुकाळ**

**The Herald** **PUNCH**

**LeDEFI MEDIAGROUP** **The Daily Star**

**প্রথম আলো** **বর্তমান**

**মানবকণ্ঠ** **সুপ্রভাত**

**আজাদী**





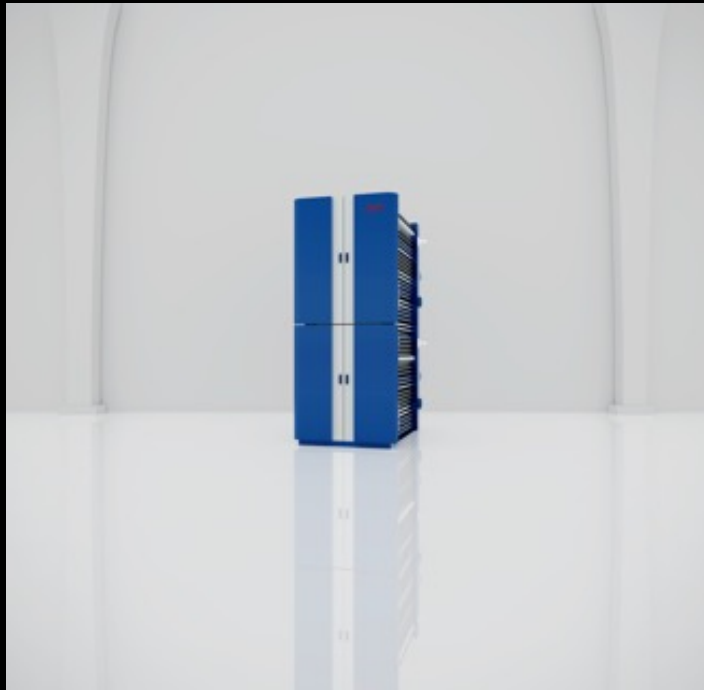
# Orient X-Cel

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Orient X-Cel is a single width single circumference web-offset press with a speed up-to 36000 copies per hour for high quality newspaper printing, tabloid printing, book printing and semi-commercial products. The printing modules available for Orient X-Cel (36000 copies per hour) are Mono Unit with Integral Reel stand, 3-Colour Satellite, and 4 High Tower.

Acclaimed as one of the finest web offset presses available worldwide, the Orient X-Cel is truly an engineering marvel and a hallmark of quality and engineering excellence.





Web Offset Presses *Inspiring excellence worldwide*

# X-CEL-36000 cph

## NATIONAL MEDIA GROUP, KUWAIT

**ORIENT**  
Web Offset Presses

**tph**  
*Quality matters online*

### ORIENT X-CEL PRESS

LATEST INSTALLATION IN AFRICA

**Features:**

- Speed 36,000cph
- Shaftless Footprint
- Automatic Colour Registration
- Automatic Ink Pumping
- Remote Inking
- UV Dryer
- Brushmist Dampening
- Pneumatic Controls
- Automatic Reel Changers
- Stacker

# X-Cel 36,000 CPH 4HI tower

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# Orient X-Cel 4HI Tower

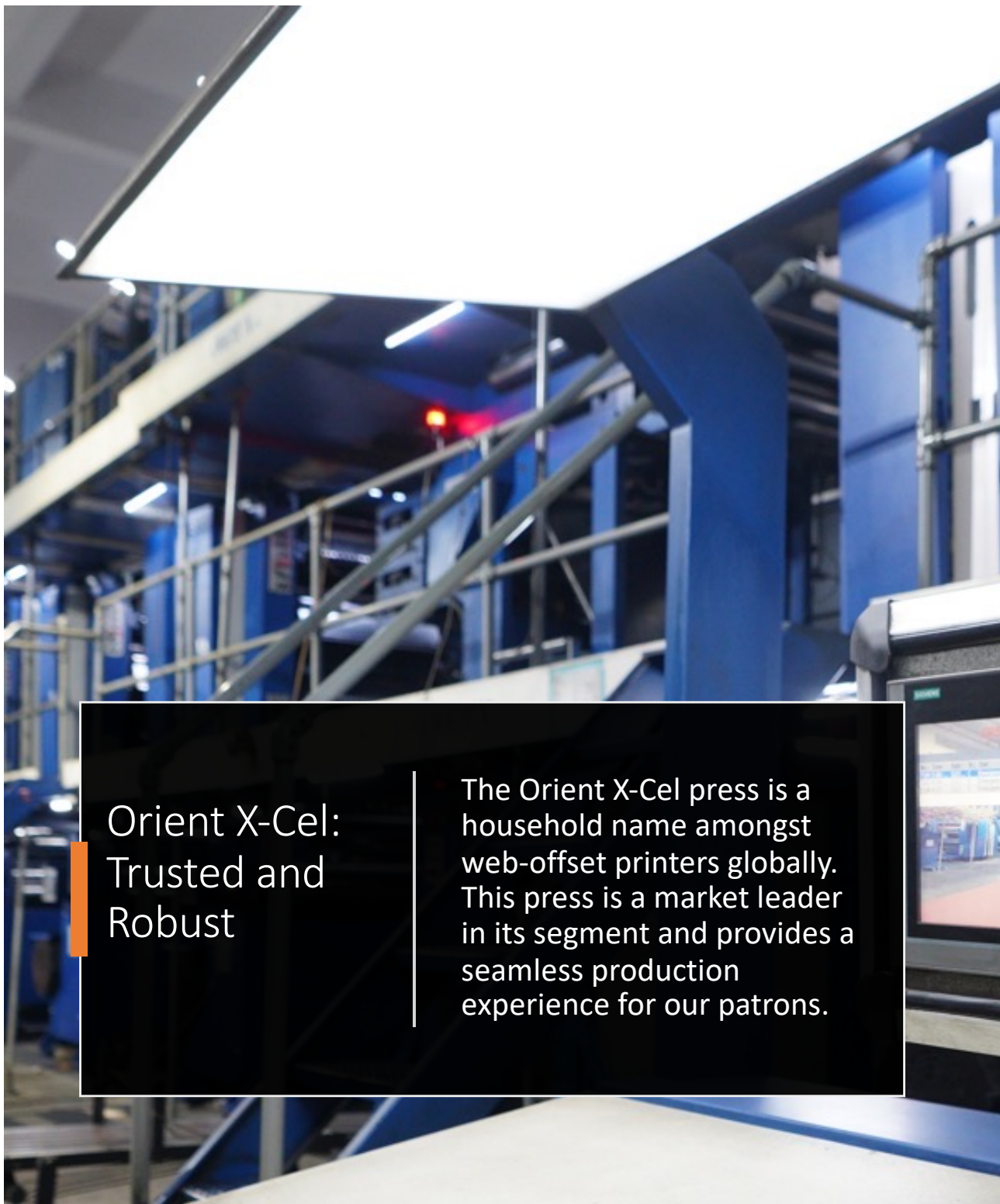
## 4 - high Tower

- Hardened and ground bushes in frame for plate and blanket cylinder sleeves.
- Lever-type swing-down ink fountain with overrides for ink fountain roller.
- Dynamically-balanced hard chromium plated plate and blanket cylinders
- On the nose, slit type plate lock-up system.
- Infra red web break detector
- Safety guards.
- Centralized oil pressure lubrication for drive gears.
- Provision for printing 4 colors on both sides of one web, or 2 colors on both sides of two webs, or single colour on both sides of three webs.
- Heavy-duty timer belt drive for 4 stack units.
- On the run manual adjustment for registration of 4 colors on each side of web.
- Motorized running circumferential register for loading side plate cylinders.
- Motorized side register system for both plate cylinders, on the run
- Variable-speed motorized dampening.
- Centralized water circulation system.
- PU Covered ink vibrator rollers
- Narrow gap blanket lock up
- Antiset web transfer grater roller
- Pneumatic on/off for Main impression/Ink feed/Ink form & Damper form.
- Brushmist dampening System
- Cable management system

## OPTIONS

- Heavy duty Compensator
- Pillar clutch on either side of 4-hi
- Automatic grease lubrication for operating side bearing and bushes.
- Centralized water circulation system with chiller
- Dynamically-balanced solid stainless-steel plate and blanket cylinders\*
- T-Bar blanket lock up system
- Spring type lock up system
- Spray dampening system
- AC drive





## Orient X-Cel: Trusted and Robust

The Orient X-Cel press is a household name amongst web-offset printers globally. This press is a market leader in its segment and provides a seamless production experience for our patrons.



# X-Cel 36,000 Mono Unit

## MONO UNIT:

- Hardened and ground bushes in frame for plate and blanket cylinder sleeves
- Lever-type swing-down ink fountain with overrides for ink fountain roller
- Dynamically-balanced hard chromium plated plate and blanket cylinders.
- On the nose slit type plate lock up system
- Motorized side register system for both plate cylinders, on the run
- Infra red web break detector
- Safety guards
- Centralized oil pressure lubrication for drive gears
- Provision for printing 2 colors on same side of web (direct litho)
- Variable speed motorized dampening
- Centralized water circulation system. • PU Covered ink vibrator rollers. • Narrow gap blanket lock-up
- Pneumatic on /off for Main impression/Ink feed/Ink form & Damper form
- Brushmist dampening System
- **Cable management system**

## OPTIONS:

- Motorized running circumferential register for loading side plate register
- Heavy duty compensator
- AC drive
- Reel lifters (pneumatic control)
- Clutch on either side of unit
- Automatic grease lubrication for operating side bearing and bushes
- Auto reel changers
- Centralized water circulation system with chiller
- T-Bar blanket locking system
- Spring type plate lock up system
- Dynamically-balanced solid stainless-steel plate and blanket cylinders\*





# X-Cel 36,000 CPH 3 colour satellite



## 3 - Colour satellite Unit

- Hardened and ground bushes in frame for plate and blanket cylinder sleeves
- Lever-type swing-down ink fountain with overrides for ink fountain roller
- Dynamically-balanced hard chromium plated plate and blanket cylinders
- Stainless steel, balanced main impression cylinder
- On the nose, slit type plate lock-up system
- Motorized side register system for all plate cylinders on the run
- Motorized running circumferential register on two plate cylinders
- Safety guards
- Centralized oil pressure lubrication for drive gears
- Provision for printing 3 colors on one side of web or 2 colors on one side and 1 color on other side of web
- Heavy-duty compensator
- Variable-speed motorized dampening
- Centralized water circulation system
- PU Covered ink vibrator rollers
- Narrow gap blanket lock up
- Pneumatic on/off for Main impression/Ink feed/Ink form & Damper form
- Infra red web break detector
- Brushmist dampening system
- Cable management system

## OPTIONS

- AC drive
- Automatic grease lubrication for operating side bearings
- Centralized water circulation system with Chiller
- Dynamically-balanced solid stainless- steel plate and blanket cylinders\*
- T-bar blanket lock up system
- Spring type plate lock up system





# Our contact details

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