

A person's hands are shown holding a glowing, fiery Earth against a dark space background filled with stars. The Earth is the central focus, with bright orange and yellow light emanating from its surface. The hands are positioned at the bottom, supporting the planet. The overall mood is one of care and global responsibility.

THE PRINTERS
HOUSE

ORIENT

Imprinting Excellence Worldwide Since 1946

tph

A black and white photograph of a large industrial folder machine. The machine is complex, with various rollers, guides, and a control panel on the left side. The brand name 'ORIENT' is visible on a black panel. The machine is set against a dark background with a light horizon line. A semi-transparent white box is overlaid in the center, containing the product name and description.

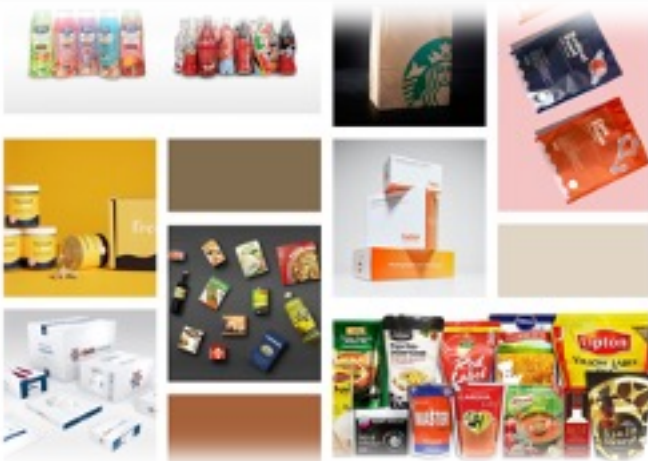
Orient X- Press Fold

Folder gluer

A TPH ORIENT GROUP PRODUCT



An Introduction :
imprinting
excellence
worldwide since
1946



An Introduction: Our history

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.

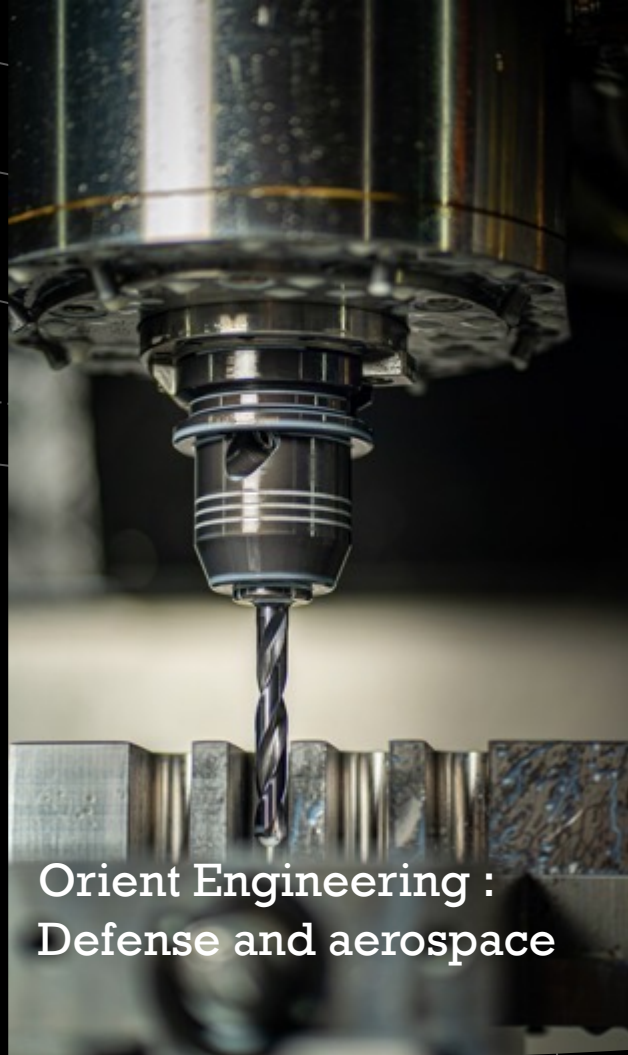
The Year was 1946. K.D. Kohli, a freedom fighter and newspaperman, started The Printers House (TPH) Orient group. Since then, TPH has carved a formidable reputation as a quality conscious technology driven manufacturer of a number of products. Tph's adherence to global standards has enabled to export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



**Orient Offset : Web
Offset Printing Presses**



**Orient Engineering :
Defense and aerospace**



**Orient NexGen : Printing
chemicals, plates, and
consumables**

Our Segments

Orient Flex : Narrow, mid, and wide web flexographic printing machines for packaging

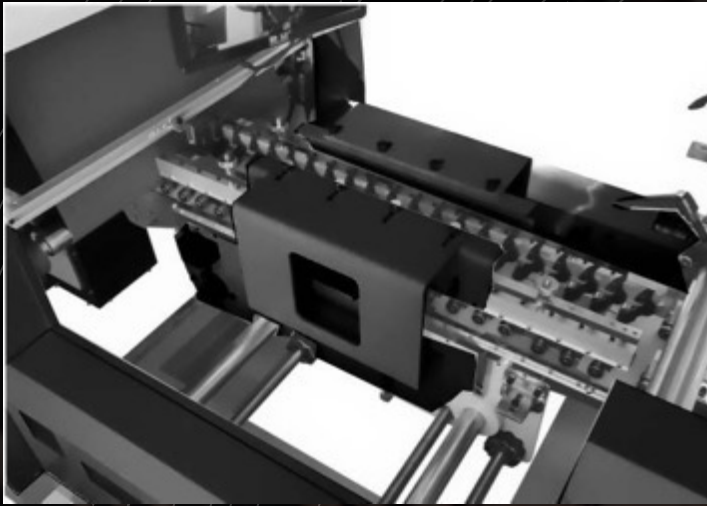


ADM Orient renewables : High efficiency solar panels and allied products

Orient Packaging : A range of folder gluers, die cutters, and auto-flute laminators



Our
Segments



The Orient X-Press fold is a product that can proudly claim global industry leading engineering and performance.

Our folder gluer, aptly named for its USP which is its best-in-industry speeds is a truly innovatively engineered product. The X-Press fold is assembled and manufactured made in our in-house facility. As such, we are proud to bring our patrons equipment that will not only provide them globally acclaimed quality but also value and exceptional ROI's.

With our complete range of solutions in printing machines, converting machines, and consumables, TPH Orient is truly a brand our patrons can rely on as shown by the decades of trust we have enjoyed in our industries.



The Orient X-Press fold : A history of innovation and trust

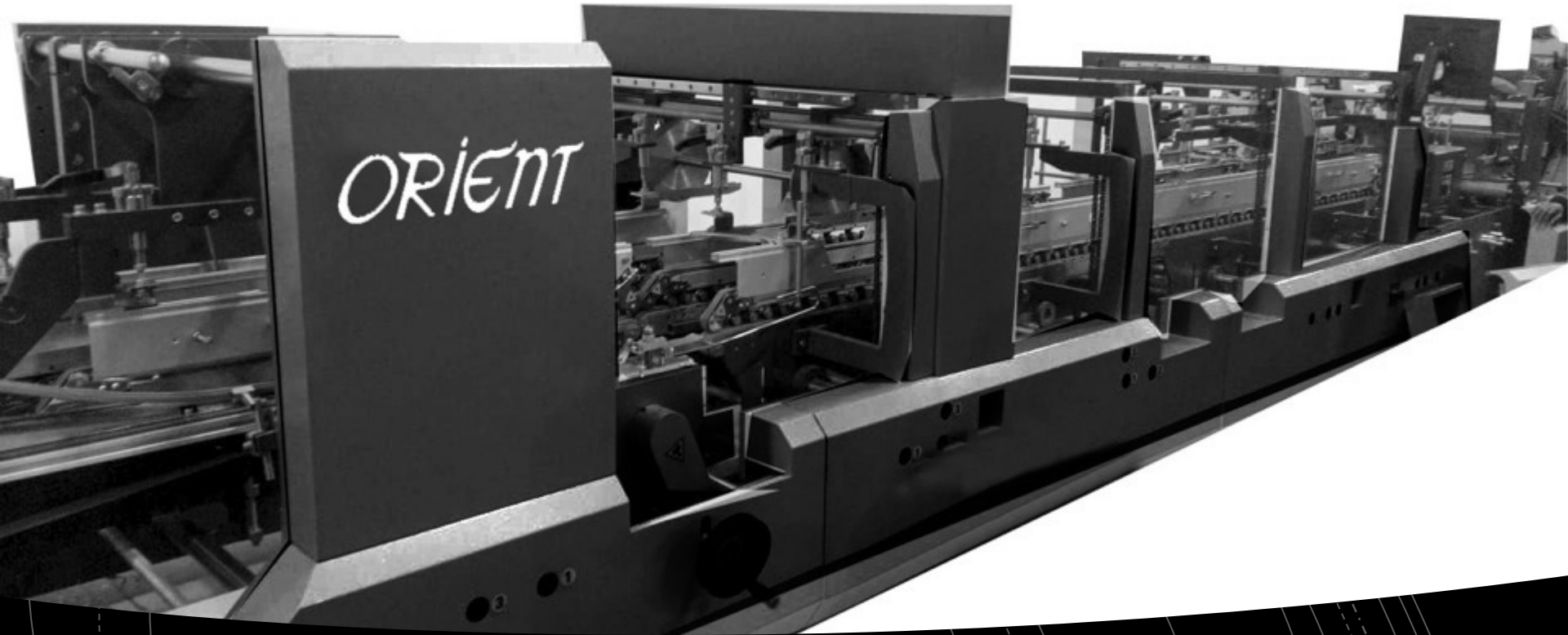




Quality
achieved
through
tradition and
engineering
expertise

The Orient X-Press fold is a piece of equipment that has been created and perfected after years of painstaking innovation and understanding of the printing and packaging manufacturing process.

- Since 1946 the TPH Orient group has been the leader in various engineered products for the printing and packaging industry and was one of the proud pioneers of the Indian Printing industry.
- The X-Press fold is an extension of its product line for the growing need in the packaging industry for high precision and good value.
- The TPH Orient group has installations in over 60 countries and 10 offices in India and multiple offices worldwide. Our tradition of service and dedication to our craft helps our patrons achieve their goals and we are proud to be able to be their partners in their journey.



7 key functions that lead
to the X-Press Folds'
world class productivity

- 1. The **Orient Quick feed** system for efficient and rapid substrate feeding.
- 2. The **ground breaking** auto correction system ensures accuracy and quality in alignment
- 3. An **all encompassing** pre folding system that ensures consistency at high speeds
- 4. A **cutting edge** lock bottom section which provides great flexibility and ease of operation.
- 5. A **smooth** and **progressive** folding section
- 6. A **fully automated** trombone section with complete HMI controls for a seamless production experience.
- 7. A **highly reliable** and **constant** delivery section



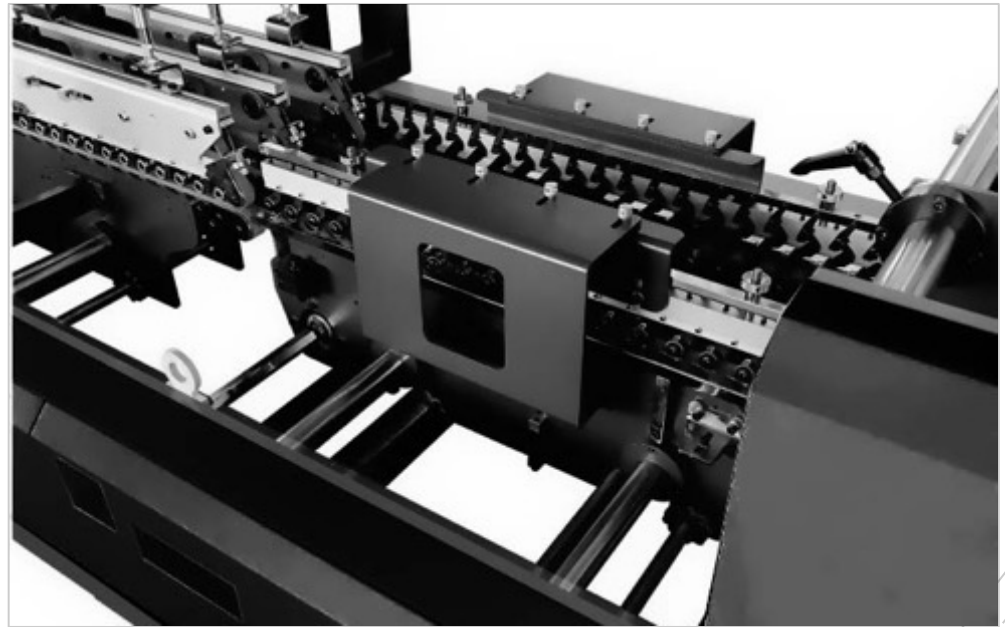
Over 70% of make ready time is spent on getting the feeding section right. As such, the Orient quick-feed system is ever so crucial due to its ability to reduce these feeding times by over 50% hence halving feeding times and greatly increasing the ROI on the equipment along with waste reduction.

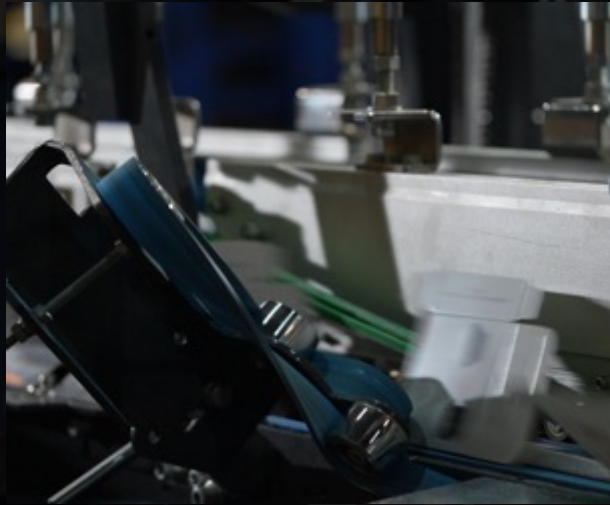
A close-up view of a printing press mechanism. A stack of paper is being fed into rollers. A yellow component is visible on the left side of the mechanism. The background is dark and out of focus.

Feeding
Section :
robust and
quick

Aligning and
correction
section : an
innovative
game changer

In today's ever competitive landscape, quality and accuracy is no longer a luxury but a necessity. Our innovative paper correction system ensures conveying accuracy which is extremely crucial to ensure a seamless production experience without excess wastage whilst ensuring that quality control norms are met.






Pre-folding and breaking the 1st and 3rd creases on the cartons is extremely important process in the life cycle of the carton. These creases ensure smooth and accurate folding and gluing of the product.

Pre – Folding
and breaking :
smooth and
accurate



The need for precise folding and gluing is of course the core function of this machine. The Orient X-Press bottom section provides accurate and quick folding and gluing of multiple types of boxes be it four corner boxes , six corner boxes etc. Our adjustable design is suitable for contraction and expansion according to the needs of the end-product which allows for flexibility and time saving for the operator and consumer.



Lock bottom
section :
flexible and
time saving



The final fold of the product is perhaps the most crucial part of the folding gluing process. This ensures accuracy no matter what substrate or size of job you are running. Additionally, our final folding section also ensures control and precision due to the ability to individually control each side of the conveying belt to correct the travelling direction of the box blank which helps allows for straight and accurate conveying as well.



Final folding section : progressive and precise



Trombone section : a seamless experience

A seamless transfer system is a must when using high speed machinery. The X-Press Folds' system automatically picks up the paper and has an water spray dual system along with a paper jam detection device. This along with the adjustable belts of this section make our experience truly seamless for the user and operator.



In order to achieve production speeds a constant delivery system is crucial. The orient X-Press with its adjustable stack belts, pneumatic pressure adjustment, and special extra sponge belt along with its automated functions allows complete control over delivery speeds and reliability. This section allows the X-Press fold to maximize its mechanical potential and deliver best in market speeds and ROI's for the customer.

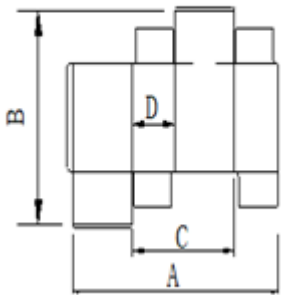
Delivery
section :
Constant and
reliable

Orient X-Press
Fold HMI :
Automation
leading the
way



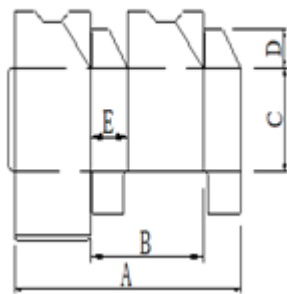
- The X-Press fold is a fully automated machine with a state of the art man-machine interface. This interface allows the machine to house multiple types of automation and synchronize the in order to achieve improved ROI's and high speeds with strict quality control checks. Our interface is user friendly and is focused on making the experience intuitive for any operator to easily use.

1、



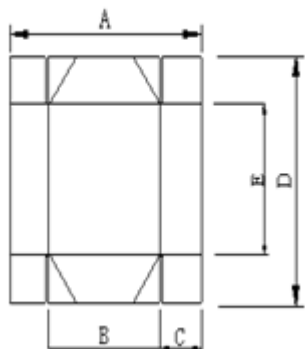
Single side pasting box

2、



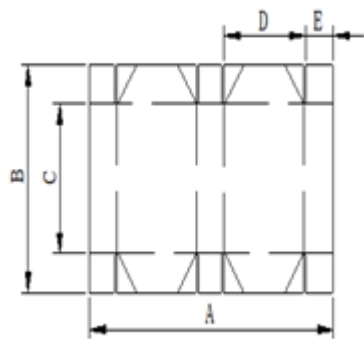
Lock Bottom Pasting box

3、



Four-corner box

4、



Six Corner box

The Art of box making :
Technical
 parameters box
 folding and gluing



Orient X-Press Fold : Speeds
that provide **mouth watering**
ROI's

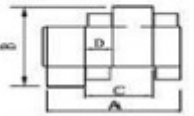
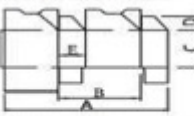
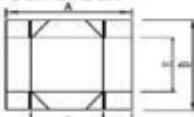
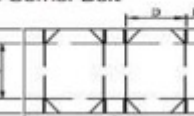
- The X-Press fold provides high quality production at maximum speeds which helps our patrons draw out the maximum potential and so the maximum ROI from their equipment. Our vibration control engineering and immense experience in producing high speed machines has allowed us to achieve optimum production at high speeds.

To view the X-Press
fold video please
click the following
link or visit our
website.

<https://www.youtube.com/watch?v=lg4b7nMZhr4&t=82s>



Model	X-Press 650 PC	X-Press 850 PC	X-Press 1100 PC
Maximum Blank	650X700m m	850X900m m	1100X900mm
Smallest Blank	120X70mm	125X70mm	130X70mm
Paper range	Paper jam 250~800g, corrugated paper F、E		
Machine length	16.8 m	16.8 m	16.8 m
Machine height	1450mm	1450mm	1450mm
Total power	18.5kw	18.5kw	18.5kw

Model	650		850		1100		
	Max	min	Max	min	Max	min	
1. Straight Line Box 	A	650	100	850	100	1100	100
	B	700	50	900	50	900	50
	C		45		45		45
	D		10		10		10
2. Crush Bottom Box 	A	650	160	850	160	1100	160
	B		75		75		75
	C	450	60	650	60	650	60
	D	150	25	150	25	150	25
	E		25		25		25
3. 4 Corner Box 	A	500	160	700	160	1000	160
	B		100		100		100
	C		30		30		30
	D	600		600		600	
	E		100		100		100
4. 6 Corner Box 	A	600	290	850	290	1100	290
	B	550	180	550	180	550	180
	C		120		120		120
	D		100		100		100
	E		30		30		30

Technical Specification :

Orient X-Press Fold



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.



Ahmedabad



Bangalore



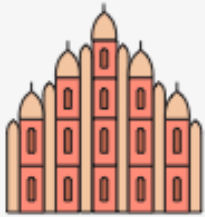
Chennai



Delhi



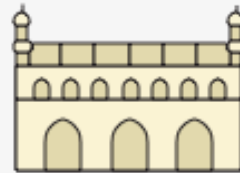
Hyderabad



Trivandrum



Kolkatta



Kottayam



Mumbai



Orissa

The TPH Family:
Domestic Sales
Network

- With 10 offices in prime locations across India TPH proudly marks its presence across the country.

24X7 Servicing team for all your requirements

Our servicing team located across India and worldwide provides customer support and maintenance for all your needs. Our patrons and their satisfaction is extremely important to us. With our servicing team you will receive prompt site visits, 24 / 7 virtual aid, and a partner who will help you with all your needs.



Quality Standards

TPH is an **ISO 9001:2008** company

TPH also has certification

OHSAS 18001:2007

for health and safety Management System.

&

ISO 14001:2004

for Environmental Management System.

Over **3,000** quality checks are conducted for optimum performance



- 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.



Manufacturing facilities





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.

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