



ISO 9001:2015 Certified Company

CIN No.U29294HR2011PTC043971

Simplified Solutions for Web Printing

...creating a difference




ROTTA PRINT INDIA PVT. LTD.

Unique manufacturer who make a difference.

The Company

Unique manufacturer who make a difference...

A difference in product, a difference in approach, a difference in attitude, a difference in level of commitment,a difference in service.

Rotta Print India Private Limited, an ISO 9001: 2015 Certified Company with its  Certified Products, is a dream project envisioned to provide highly efficient & reliable Web Offset Printing Machines.

Our product portfolio for newspapers, book printing & semi-commercial printers offers a wide range of products/ solutions by supplying new presses/ machines, add-on units, auxiliary equipments, turnkey jobs & consultancy services.

Rottaprint India is a team of unique individuals. Engineers, Designers, specialists, a group of talented people dedicated to customers & customers interests. But of course, above all we are proud of our products & services.

The manufacturing facility is located in Faridabad near New Delhi, an industrial hub. Within a short span, today Rotta Print has become one of the most reliable source of quality Web offset Printing Machines in domestic & as well as in International market. This has been possible due to Rotta Print's ability to meet exact customer requirements & strict adherence to delivery schedule with a individual attention to every customer.

“Consistency is everything! There is more than enough evidence to support the association that a strong bottom line can only be achieved in the long term by an obsession with keeping better customer promises more consistently than the competition.”

Manufacturing Facilities

Customers do not buy products... they buy solutions. Hence it's important that the whole organization thinks of products & service & in terms of solution, they provide to their customers.

We have advanced manufacturing lines incorporating latest concepts in designing (CAD/CAM) coupled with process engineering development backed by a team of trained professionals & a dedicated work force and well equipped in house inspection department.

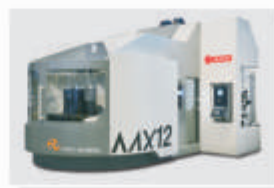
The quest for Quality does not end here.

Each & every components from High Grade, Stress-relieved Cast Iron (Seasoned Casting) including main frames of printing unit, folding unit, top link, RTF & other cast iron components comprising body units- processed & machined on modern manufacturing facilities including CNC Machines-VMC/HMC, Turning Centres, Cylindrical Grinders etc; with strong emphasis on product Quality. All Cylinders are dynamically balanced, hardened & ground gear drives etc. ensures highly efficient Presses/Machines.

Company's main emphasis has been on developing better technologies, quality levels & interactive dialogues with the customers that helps in anticipating the changing future needs & providing effective solutions

...creating a difference.

We are committed to manufacture our products in a safe working environment with the aid of trained man power.



The Product

The **ROTTASPEED** Web Offset presses are single width, single circumference, coldset presses, having modular construction, quick make ready, with simple design for ease of operation and maintenance. The printing elements of "ROTTASPEED" are Mono Unit with integral Reel Stand, 3C(3 Color Satellite Unit) and 4Hi Tower. The Mono Unit can be stacked maximum up to 4Hi Tower to get four colors on both

sides of one web (4+4) and 3 Color Satellite Unit in combination of a Mono Unit or Stack Unit can print four colors on one side of web and single color on the other side of same web (4+1).

Cut-off sizes: 508mm, 533mm, 546mm, 560mm , 578mm, 610mm and 630mm.

Machine Models & Speed

ROTTASPEED - 16 (16,000 CPH)

ROTTASPEED - 30 (30,000 CPH)

ROTTASPEED - 36 (36,000 CPH)



3 Color Satellite Unit



Mono Unit



Features

Printing Units

STANDARD FEATURES	4HI	3C/S	Mono
• High Grade, Stress-relieved Cast Iron (Seasoned Casting) which is machined on CNC Machines-VMC/HMC	✓	✓	✓
• Lever Type swing down-down ink fountain with overrides for ink fountain roller	✓	✓	✓
• Cloth dampening system	✓	✓	✓
• Stainless Steel dampening rollers	✓	✓	✓
• Dynamically-balanced hard chromium plated Plate & Blanket cylinders	✓	✓	✓
• On the nose, slit type plate lock up system	✓	✓	✓
• SG Iron Sleeves, grade 600/3 for Plate & Blanket cylinders ^a	✓	✓	✓
• Steel Bearing grade Bushes SAE 52100 in main frame for Plate & Blanket cylinders Sleeves	✓	✓	✓
• Manual running Circumferential register (RCR)	✓	✓	✓
• Manual side register system for both Plate cylinders, on the run	✓	✓	✓
• Bustle Wheel assembly for fan out correction	✓	✗	✗
• High quality powder coated safety guards	✓	✓	✓
• Centralized oil pressure lubrication for drive gears	✓	✓	✓
• Heavy-duty timer belt drive for Stack unit	✓	✓	✗
• Variable-speed motorized dampening	✓	✓	✓
• Centralized water circulation system	✓	✓	✓
• PU covered ink vibrator roller	✓	✓	✓
• T-Bar blanket lock up system	✓	✓	✓
• Anti-set web transfer grater roller	✓	✗	✗
• Heavy-duty compensator	✗	✓	✓
OPTIONAL FEATURES			
• Pneumatic on/Off for ink Roller, Dampening Roller, Plate & Imp cylinders	✓	✓	✓
• Motorization of running circumference register (RCR) & side lay registers along with motorized compensator on folder for each web	✓	✓	✓
• Brushmist dampening system	✓	✓	✓
• Spray Dampening system	✓	✓	✓
• Narrow Gap Blanket cylinders	✓	✓	✓
• Solid Stainless Steel Plate & Blanket cylinders	✓	✓	✓
• Auto registration & auto cut off system	✓	✓	✗
• Auto Reel Splicer	✓	✓	✓

The Product

Configuration:

RS + 4Hi + Super Folder + 1/4 Folder + 60 H.P. Drive



ROTTASPEED Web Offset Press



The Product

Folding Unit



STANDARD FEATURES

- 1:2 Jaw Type
- 2:2 Jaw Type
- RTF Roller, cutting cylinder & Jaw cylinder are dynamically balanced
- Air Blower on Former
- Latest design ring type nipping roller
- Folder Jam switch
- Reverse inching
- Signal light on the folder
- Main drive shaft with Thomas coupling at cylinder height for minimum backlash & smooth power transmission
- Electronic copy counter
- Kicker for 0-99 copies adjustable
- Centralized oil pressure lubrication for drive gears
- Slitter on RTF

16000 IPH

30000 IPH

36000 IPH

	16000 IPH	30000 IPH	36000 IPH
• 1:2 Jaw Type	✓	✓	✗
• 2:2 Jaw Type	✗	✗	✓
• RTF Roller, cutting cylinder & Jaw cylinder are dynamically balanced	✓	✓	✓
• Air Blower on Former	✓	✓	✓
• Latest design ring type nipping roller	✓	✓	✓
• Folder Jam switch	✓	✓	✓
• Reverse inching	✓	✓	✓
• Signal light on the folder	✓	✓	✓
• Main drive shaft with Thomas coupling at cylinder height for minimum backlash & smooth power transmission	✓	✓	✓
• Electronic copy counter	✓	✓	✓
• Kicker for 0-99 copies adjustable	✓	✓	✓
• Centralized oil pressure lubrication for drive gears	✓	✓	✓
• Slitter on RTF	✓	✓	✓

OPTIONAL FEATURES

- Quarter Page Folder
- Double Parallel Folder
- Cross perforator
- Upper Former / Balloon Former
- Motorized cut off control
- Fly delivery
- Online gluing
- Online Stitcher
- Conveyor extension as per requirement
- Stack Delivery

16000 IPH

30000 IPH

36000 IPH

	16000 IPH	30000 IPH	36000 IPH
• Quarter Page Folder	✓	✓	✗
• Double Parallel Folder	✗	✓	✓
• Cross perforator	✓	✓	✓
• Upper Former / Balloon Former	✓	✓	✓
• Motorized cut off control	✓	✓	✓
• Fly delivery	✓	✓	✓
• Online gluing	✓	✓	✓
• Online Stitcher	✓	✓	✓
• Conveyor extension as per requirement	✓	✓	✓
• Stack Delivery	✓	✓	✓

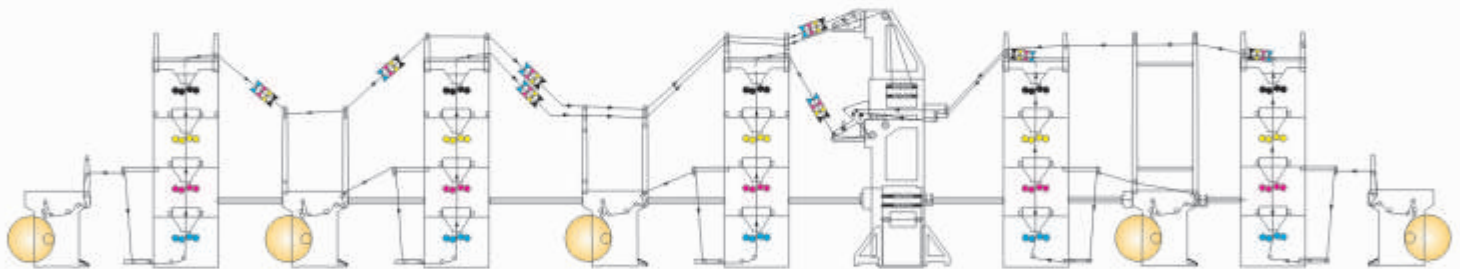
The Product

Technical Specifications

Machine Cut off (mm)	508	533	546	560	578	610	630
Paper width full reel (mm)	660-889	660-889	660-889	660-889	660-889	660-889	660-889
Max. reel dia (mm)	1300	1300	1300	1300	1300	1300	1300
Plate width (mm)	889	889	889	889	889	889	889
Plate length (unbent) Slit (mm)	538	563	576	590	608	640	660
Plate thickness (mm)	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Plate & Blanket width (mm)	889	889	889	889	889	889	889
Blanket Length (T-BAR) (mm)	556	581	594	608	626	658	678
Blanket Length (Narrow gap) (mm)	576	601	614	628	646	678	698
Blanket thickness (mm)	1.7	1.7	1.7	1.7	1.7	1.7	1.7

Configuration

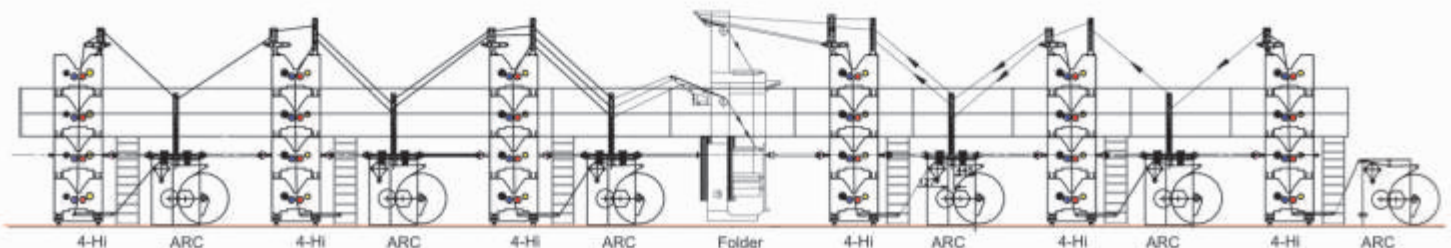
20 Pages of broadsheet size of newspaper in which all pages in four colors.



Rs1 + 4Hi1 + URS1 + 4Hi2 + URS2 + 4Hi3 + Super Folder with Upper Former + 4Hi4 + URS3 + 4Hi5 + RS2

Configuration

24 Pages of broadsheet size of newspaper in which all pages in four colors.



* Due to our policy of continuous development, we reserve the right to alter any details of specification and equipment without notice.

** Maximum rated speeds quoted are subject to number of webs, quality of paper and pressroom operation conditions.

Accessories

Pneumatic Reel Stand with Disc Brake & Pneumatic Reel Lifter

The Pneumatic reel stand is operated with disc brake, pneumatically controlled instead of spring controlled shoe brake. The position of the dancing arm is controlled by a special valve, operated by a cam.

The web Tension is controlled by dancing arm through disc brake. Because of Disc brake design & system with pneumatic control, the web tension better controlled as compared to shoe type brake with spring control.

Manual Reel Stand also available.



Rottaspeed Stack Delivery

- Large capacity for stacking folded products.
- Height-adjustable for use with Web Offset folding machines.
- One-person operation of the folder and delivery system of the Web Offset printing machine.
- Variable speed control system to synchronised with any Web Offset printing machine.



Hydraulic Trolley

The Hydraulic Trolley is offered with high loading capacity and robust construction. It possesses features like corrosion resistance, durability, easy accessibility, hard wheels, good finishing with long life.



Plate Bender and Plate Punch

Manual/ Pneumatic plate bender & plate punch with fine accuracies & are user friendly in operation. Sturdy, corrosion resistant, easy to operate with good aesthetics.



Auto Registration System

ARS is a close loop integrated system, equipped with mrc 3D Cameras. Reduction in wastage & consistency of colour registration is a major advantage of this system. Additional cameras could be used for cut off control also.



Auto Reel Changer

Replacement of manual reel stand, providing higher tension consistency along with no stoppages for reel change. Very helpful to reduce paper waste & increase productivity.



Accessories

Motorization

The Motorization is provided for running circumference register and side lay register for whole machine along with Motorized compensator on folder for each printing machine.

Independent control of each motor is provided on the central control desk for remote operation. Also, it becomes integral part of the system in case auto registration control device is provided with the printing unit.

Pneumatic

The pneumatic on-off control is provided for Ink rollers & dampening rollers and impression cylinders with the help of pneumatic cylinders and a gang of solenoid valves. It isolates the rubber parts/rollers from other contact parts when machine is idle. It saves operational time & makes printing unit user friendly and easy to control even from control desk.

Control Desk

- An independent free standing operator console with a master dampener control can also be offered.
- Located conveniently near the folder for ease of operations. It consists of a modular desk for a press start up, centralized printing function controls and auxiliary equipment.
- Main controls with illuminated indications and digital displays.
- Printing controls allowing both manual and automatic control sequence.
- Auto sequential centralized impression throw on/off common for all units with time-delays for ink form and ink feed rollers.
- Master control for dampener speed increase/decrease.
- Lockable total counting, odd copy count and electronic batch selection system with pneumatic controls.

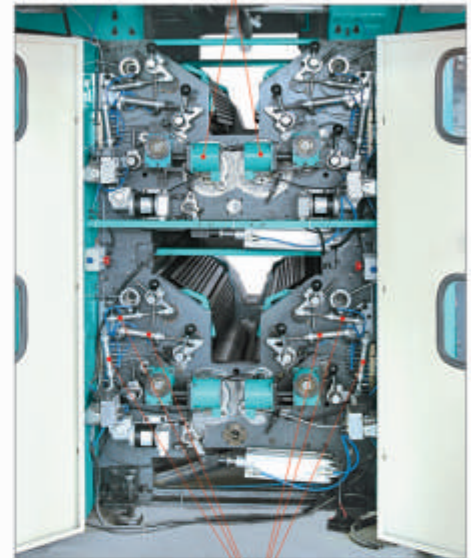
Brushmist Dampening

Brushmist Dampening is provided in place of cloth dampening system. It increases efficiency & print quality. The contact-less Brushmist Dampening System incorporates independently variable-speed, motorized, stainless steel dampener fountain rollers, chrome plated dampener vibrator rollers and stainless steel trays with inlet/Outlet. This roller train ensures a uniform water film onto the plate mounted on the plate cylinder.

Spray Dampening System

It's being provided instead of Cloth/brush dampening system, resulting reduction in paper waste, higher print quality & better ink mileages

Motorization



Pneumatic on/off



www.rottaprintindia.com



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**Illustrations & specifications are subject to change without prior intimation. This is the policy of company of continuous improvement & updation of products.*



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(Unique manufacturer who make a difference)

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