

Adast 507

We aim at the centre
of your job spectrum



Specification

Technical data:

Maximum paper size:	381 x 520 mm
Minimum paper size:	
Straight printing:	105 x 148 mm
Perfecting:	230 x 148 mm
Maximum print area:	370 x 515 mm
Printed material:	
Maximum thickness:	0,4 mm
Specific weight:	40 - 350 mm
Maximum printing speed:	12 000 copies/hour*
Minimum printing speed:	3 000 copies/hour
Print edge:	9 mm
Height of feeder pile:	940 mm
Height of low delivery pile:	420 mm
Height of high delivery pile:	880 mm
Dimensions of printing plate:	521 x 415 x 0,15 mm
Dimensions of blanket:	524 x 472 x 1,9 mm

Models:

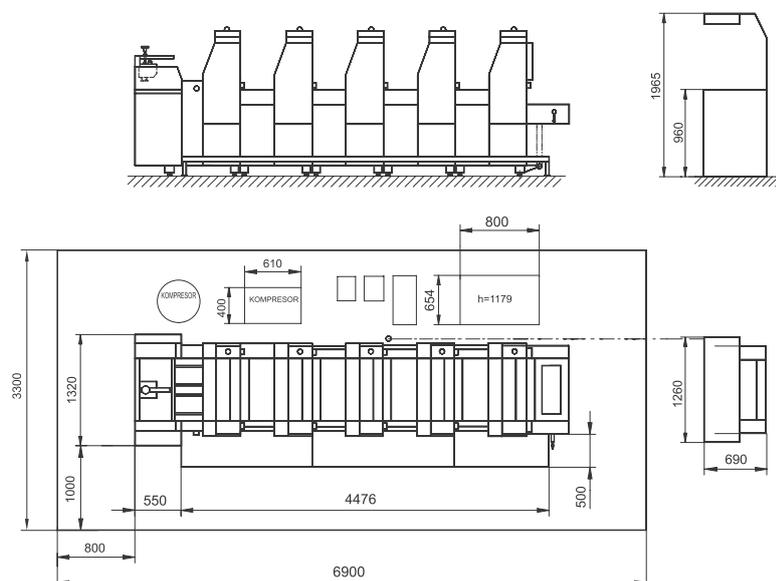
ADAST 527	(two-colour press, low pile delivery)
ADAST 547 N	(four-colour press, low pile delivery)
ADAST 547 V	(four-colour press, high pile delivery)
ADAST 557 N	(five-colour press, low pile delivery)
ADAST 557 V	(five-colour press, high pile delivery)

* Maximum printing speed is related to optimum printing conditions. It is also influenced by the printed material, printing ink and environmental conditions. Printing speed should therefore be adapted to the actual conditions.

Model	Power (kVA)*	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
ADAST 527	10,0	2 650	1 320	1 760	3 800
ADAST 547 N	15,0	4 350	1 320	1 760	6 200
ADAST 547 V	15,0	5 555	1 320	1 760	6 600
ADAST 557 N	15,0	5 200	1 320	1 760	7 400
ADAST 557 V	15,0	6 400	1 320	1 760	7 800

* stated power of presses does not include installed drying

Floor plan - example: ADAST 557N + ADACONTROL



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Adast**507**

Offset Printing Presses
In Demand Press of European Paper Size



Adast. For All Colours of Life.

507

In Demand Press of European Paper Size

Typová řada archových ofsetových tiskových strojů ADAST 507

Thirty years of experience in developing offset printing presses for B3 size paper has laid a firm design foundation for the ADAST 507 line of presses. The press is supplied in two-, four- and five-colour models.

Basic functions are fully automated and the performance and qualitative parameters comply with the standard for this line of presses. Perfect registering and excellent colour quality allows a whole spectrum of jobs to be printed - from simple jobs to the most difficult of jobs.

The possibilities for using the press are supported by a wide range of bespoke options for expanding press functionality. A quickly adjustable perfector installed behind the first or second printing unit is such an example.

ADAST 507 line of printing presses comply with FOGRA association requirements on the quality of printing presses and printed matter.



■ Standard features *

- OMRON control system
- Single-system feeder head
- Swing grippers
- Form roller with BACHER centring system and rear split clamping bar
- Remote control of registers and duct rollers from the delivery panel
- ADAMATIC dampening unit with dampening rollers without sleeves
- Unit for circulating and cooling the dampening solution
- Zone ink keys
- Inking form rollers with axial movement
- Low pile delivery
- Print counter with pre-selection

- GRAFIX Junior powder spray unit
- Pneumatic decurler in the delivery
- Lubrication unit with automatic control

■ Opční vybavení strojů *

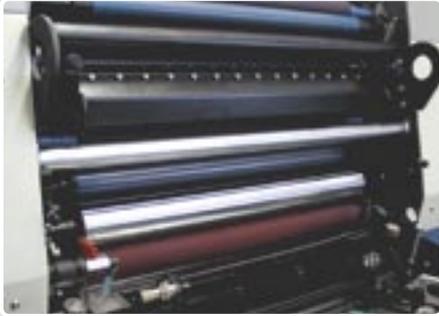
- High pile delivery
- Form roller with MONTALOCH centring system and rear split clamping bar
- AQUADOS - admixtures dosing unit
- ADACONTROL central control of press
- SpectroCam spectral densitometer
- GRAFIX Digital powder spray unit - only for high pile delivery
- SIMCO ionisation unit
- INKDRY plus IR drying unit
- Delivery drum with SUPER BLUE cover
- NON - STOP delivery
- Modification of press waterless offset printing
- Remote communication
- Blanket washer (only for presses with high pile delivery)
- Perfector

* Standard features/optional extras vary depending on the specific model. The list serves as information only. Your ADAST printing press dealer will offer you a precise configuration.



■ EUROPEAN PAPER SIZE

B3 paper size presses (for a maximum paper size of 381 x 520 mm) are still in demand, and not only in European countries. Press parameters make it ideal for short colour jobs whilst maintaining a very high quality print. The maximum printing area is 370 x 515 mm.



■ HIGH QUALITY PRINT

The high level of register accuracy and quality of other printing parameters is also guaranteed in addition to the quality of prepress preparation, chemicals used, printed material and operation thanks to the perfect stability of the press with its extraordinarily rigid frame. The press belongs to the "heavyweight offset" concept.

■ ADAMATIC DAMPENING UNIT

An IPA based dampening system with dampening rollers without sleeves is applied to the press with a motor driven duct roller which is one of our growing number of patented devices. It participates in reducing the quantity of waste sheets and contributes to higher quality reproduction of the print dots.

■ REMOTE CONTROL OF FORM ROLLERS AND COLOUR AMOUNT

Control of the length of a step of the inking duct roller, and axial and radial registers comes as standard. It can be directly controlled from the delivery panel.



■ CENTRAL CONTROL OF PRESS

The ADAST 507 line of offset printing presses can be fitted upon request with the ADACONTROL system. This is a separate central control desk allowing the press to be controlled and jobs to be managed from a single location. The registers, dampening device, inking ductors and zone ink keys are controlled from the touch screen. Data about the current settings can be stored in the PC memory or saved to external data media. Central control may also be custom fitted with a spectral densitometer to maintain constant colouring throughout the whole job and for automatically setting individual zones of the ink keys.



■ PROGRAMMABLE CONTROL UNIT

The control unit comes as standard on the A 507 line of presses. The printer can comfortably control all important functions on printing units, and the feeder and delivery from the delivery panel. The control unit also controls all important functions of the press (e.g. lubrication, safety, etc.) so that the printer can fully attend to his work.

■ SAFETY AND CERTIFICATION

The press is certified by the specialised Testing and Certification Centre for printing presses in Wiesbaden. ADAST is the only manufacturer of printing presses in the Czech Republic with GS certification (Geprüfte Sicherheit). This certification centre confirms that the press is supplied in accordance with safety requirements, and that the press complies with EU regulations. This is declared by the CE mark. ADAST has a certified system of control according to ISO 9001 standards.

