

Machine:	Compensating stacker		
Short description:	CS/3160	(Commercial)	
	CS/4160	(Newspaper)	
	CS/5160	max. 400 mm stack height (Commercial)	
	CS/6160	max. 400 mm stack height (Newspaper)	
	CS/xxxxF	standard infeed with left or right hand pusher	
	CS/xxxxH	high infeed with left or right hand pusher	
	CS/xxxxFS	standard infeed with straight-through pusher	
	CS/xxxxHS	high infeed with straight-through pusher	
Drive:	Main drive	AC-motor	1.500 Watt (1x)
	Waste gate	AC-motor	180 Watt (1x)
	Ejector arm	Servo-motor	520 Watt (1x)
	Delivery conveyor	AC-motor	370 Watt (1x)
	Lift	Servo-motor	640 Watt (2x)
	Turn table	Servo-motor	1.100 Watt (1x)(only at straight-through ejector)
Control system:	synchronous speed control via voltage generator, of the rotary printing press or stitching machine		
Tachometer signal output:	U max. 180 V DC		
Analog signal:	UE 0-10 V DC		
from rotary printing press	I max. 15 mA		
Belt speed:	Adjustable from 8 - 100 m/min (64 m/min at 50 Hz)		
Performance:	> 135.000 copies / hour (look at diagramm)		

Travel direction:	spine edge ahead <i>(other travel directions conditional possible)</i>
Page count:	4 - 128 pages (60 g/m ²)
Stack format L x W:	L W → min. 110 x 145 mm; max. 325 x 500 mm
Product stream thickness:	max. 30 mm
Clearance between products:	min. 30 mm; max. 80 mm
Deviation:	±15% to standard clearance
Side clearance of product stream:	±20 mm
Paper weight:	35 – 140 g/m ²
Standard format plates:	A5: min. 138 x 200 mm; max. 168 x 270 mm A4: min. 200 x 287 mm; max. 230 x 357 mm A3: min. 287 x 410 mm; max. 317 x 480 mm
Stack height:	min. 30 mm; max. 300 mm (max. 400 mm for CS/5160/6160)
Bin stack height:	max. 180 mm
Product alignment:	by vibrating belts adjustable during operation
Slide adjustment:	with two spindles for alignment slides, adjustable from both sides of the machine

Operation:	via commander
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Press rolls:	Double rollers; pressure pneumatically adjustable
Air requirements:	Air consumption: 500 Norm l/ min (30 Nm ³ /h) Air pressure: min. 6 bar; max. 7 bar
Noise level:	82dB (A) Maximum Conforming to DIN45635 paragraph 27
Monitoring device:	Switch off when product jams Switch off during emergency stop Switch off when the top guard is open Switch off when the door is open Switch off during loss of air pressure
Input power:	4.000 Watt
Voltage:	3 x 400 V AC + N + PE 50/60 Hz (other on request)
Control voltage:	24 Volt
Nominal current:	8 Ampere (14 Ampere with straight-through pusher)
Primary fuse:	16 Ampere (32 Ampere with straight-through pusher)
Infeed height:	700 – 1.100 mm (1.100 – 1.700 mm with high infeed) (+ 100 mm for CS/5160/6160)
Delivery height:	850 mm
Total length:	3.335 – 3.434 mm 4.702 – 4.834 mm (with straight-through ejector)
Total width:	1.294 mm (including stairs) 2.560 mm (including stairs and delivery conveyor)
Total height:	2.038 mm
Weight:	approx. 1.200 kg (1.300 kg with straight-through ejector)
Color:	RAL 7035
Other colors, conveying heights and technical specifications, are available. IN-DAT-CS3160-4160-5160-6160	