

CPH

Channel baling press

The CPH is the latest baling press from the PAAL Group and compliments the already existing wide range of baling presses. The CPH baling press is a powerful, reliable and efficient baling press offering an economic solution for your daily baling requirements.

The CPH baling press is manufactured in the now familiar PAAL modular concept. With the modular concept the baling press can be tailored to your individual requirements at the order stage, thus ensuring that the baling press can be used for many different applications.

*Standard

RAL 5012*

RAL 6011*

Standard Issue 1/07

We reserve the right to change dimensions and specifications. Colours may deviate typographically.

TOP
QUALITY

Individual designed by the modular concept

Baling press for economical operation

10 Points of guidance

The press plate is guided by eight heavy duty rollers and two lateral guide rails. Behind the heavy fabricated pressure plate is a scraper that keeps the roller guide trails free from material.



Durable baling press base plate

The machine base plate is manufactured from high resistant wear steel. The pressure plate roller guide rails are easily exchanged and therefore reducing maintenance costs. The CPH baling presses with the higher pressing forces have the complete base plate covered in replaceable high resistant wear plates.

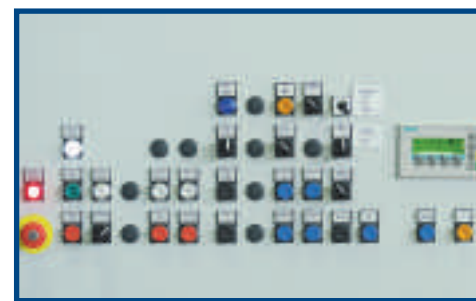


PAAL Control - well informed

Easy to use and safe technology

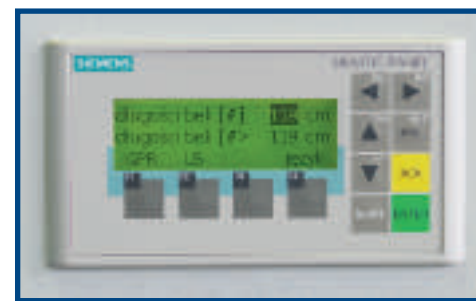
Operating Controls

The control unit of the CPH baling press is a combination of push buttons and digital display utilising the well established Siemens PLC control which provide reliable and durable fully automatic function for the baling press.



Information in Plain Language

The information in plain language is giving important information such as bale length, number of bales produced, operation times as well as malfunctions. As an option the CPH baling press can be ordered with the Baler Information and Control System (BICS) and with on-line Remote Service System (RSS).



Additional Safety

To increase the safety of operational and maintenance personnel an optional key transfer system has been developed by the PAAL GROUP. Two keys, which are required to open access doors and safety guards at the baling press, must be stored in locks at the control panel before the main power can be turned on.



Final result: well formed bales

Dense, square stackable bales and optimum handling

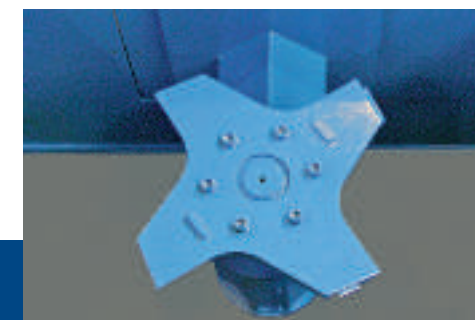
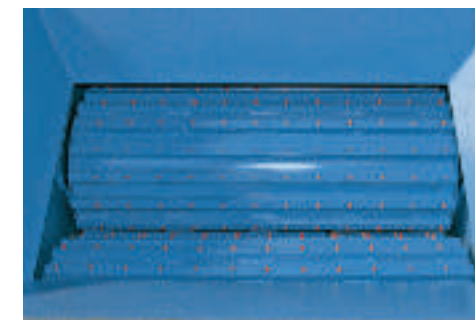
Maximum storage capacity

CPH bales allow maximum safe storage capacity due to the high quality bales, thus, requiring less space to store the maximum number of bales.



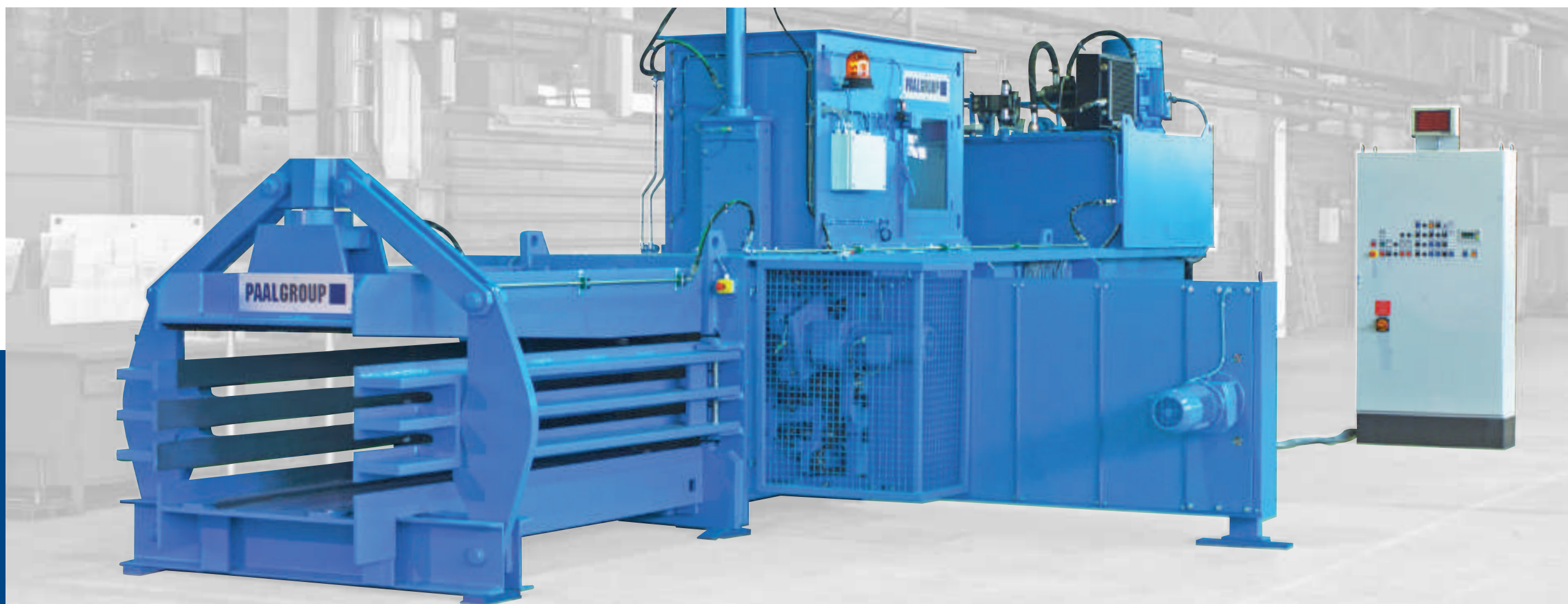
Individual configurable

The baling press allows for optional add on modules. The range of baling presses can be equipped with various modules such as perforator (piercing of PET bottles), ruffler (enables the opening of bulky paper) or stamper (automatic clearing of material jamming at the knife cutting edge).



Large range of applications

The CPH was designed to press cardboard, paperboards, foils, shredded materials, printers waste and other types of material. With other additional equipment and different pressing forces the CPH range is suitable for many different applications.



Consistently economical

Designed for efficiency

Quality Cutting System

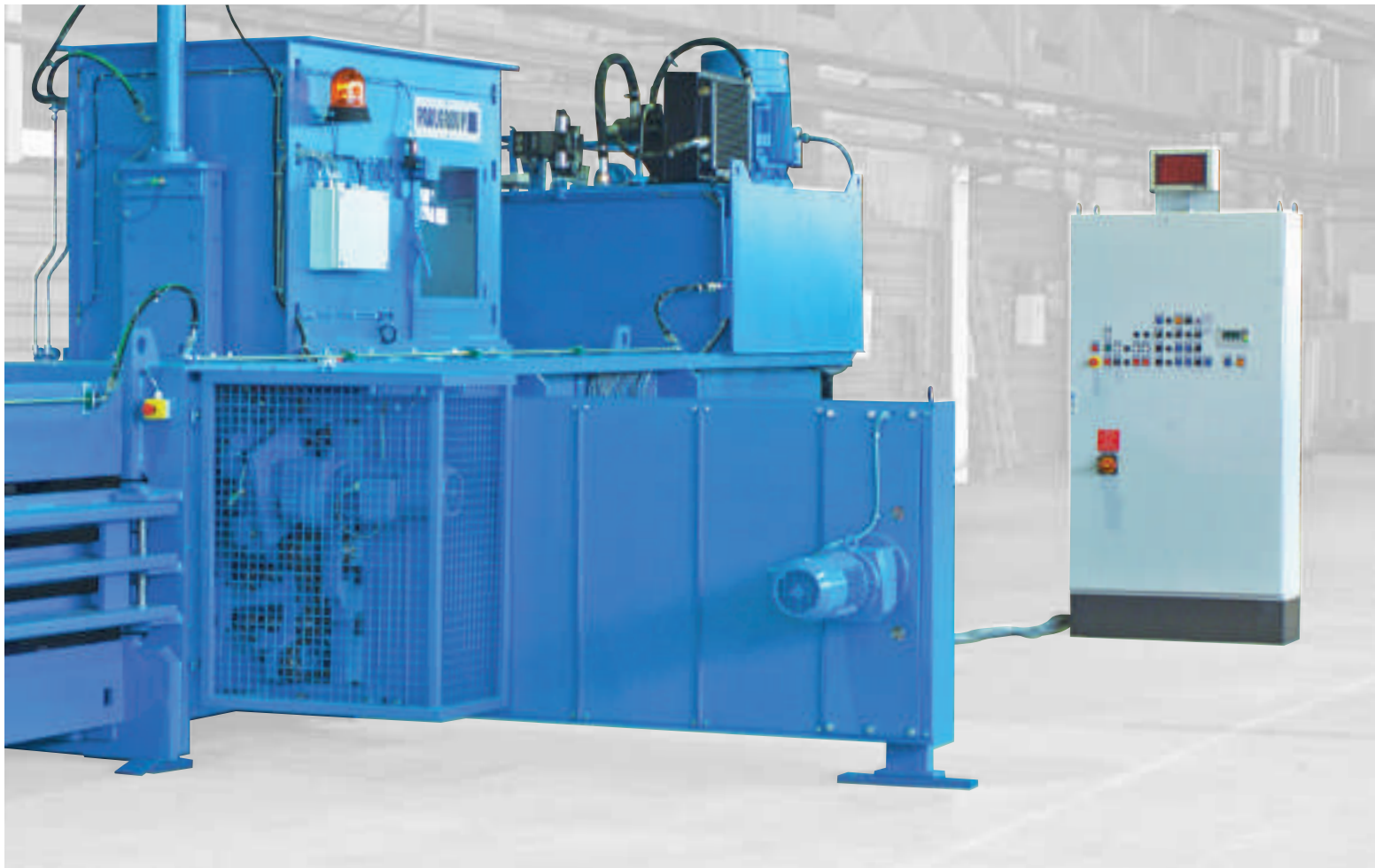
The system with a very large cutting knife angled towards the centre of the baling press channel guaranteeing bales with a smooth top surface ensuring the possibility of high stackability. The special relief ground cutting edge system ensures the CPH baling press is extremely wear resistant giving low maintenance costs.

Fully automatic tying system

The fully automatic 4 or 5 fold tying system with integrated wire cutter is highly reliable at minimum tying time. Short wire "pigtails" and low maintenance costs ensure minimal operating costs.

A special hydrologic block

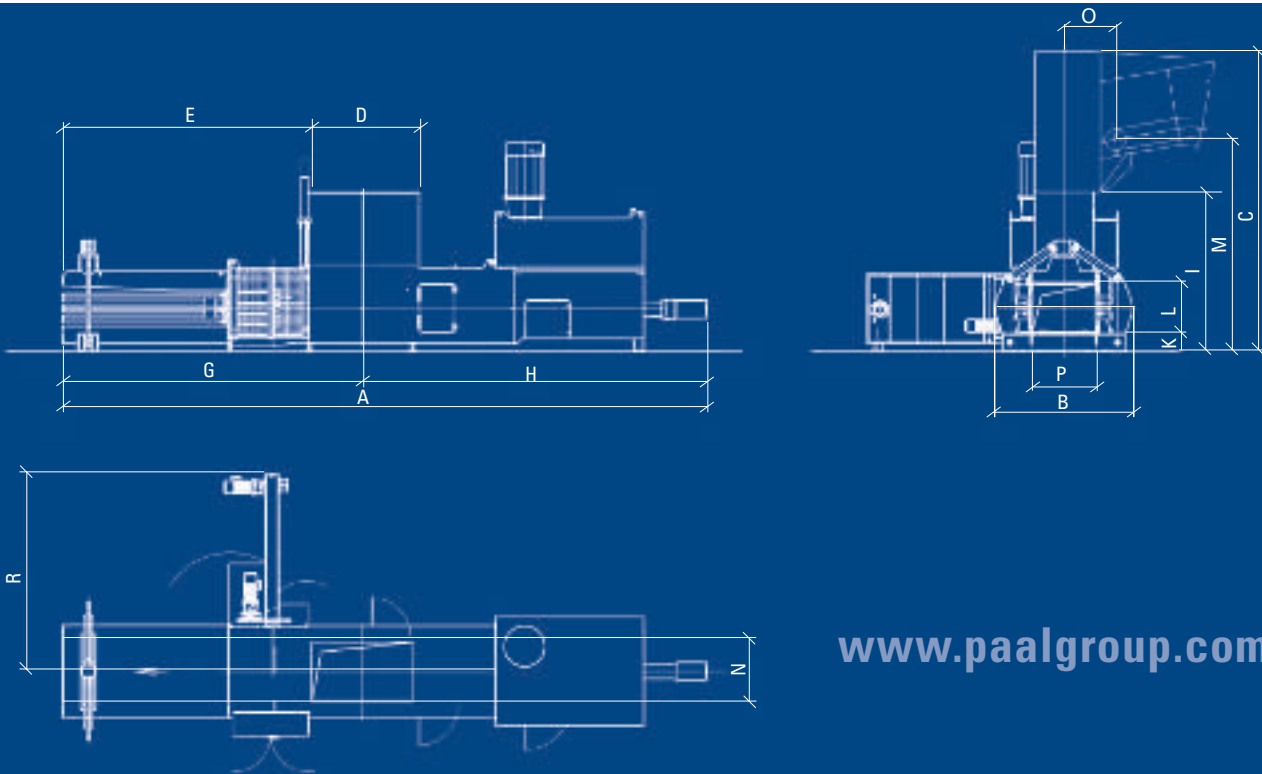
The PAAL hydrologic block controls all hydraulic functions. Large diameter hydraulic hoses and tubes ensure low heat generation and energy loss. The compact efficient hydraulic power pack with low noise drives and automatic pump-demand control operate at low energy and low maintenance costs.



Technical data and measurements

		CPH 5140			CPH 6540			CPH 8040			CPH 10040			CPH 12050			CPH 15050		
Pressforce at approx. 300 bar	kN	500			650			800			1000			1200			1500		
spec. pressforce	N/cm²	67			86			106			133			99			124		
tunnel cross section	cm	75 x 100			75 x 100			75 x 100			75 x 100			110 x 110			110 x 110		
feed opening	cm	140 x 92			160 x 92			160 x 92			175 x 92			200 x 102			200 x 102		
feed volume	max.m³	1,35			1,5			1,5			1,6			3,1			3,1		
number of wires	pieces	4			4			4			4			5			5		
driving power	kW	22	30	45	22	30	45	30	45	75	45	75	2x45	75	2x45	2x75	2x45	2x75	
press output ideal	max.m³/h	290	360	710	260	325	655	290	590	750	530	640	900	885	1265	1600	1000	1300	
press output under load	max.m³/h	115	145	240	110	135	225	125	215	300	180	255	325	340	440	605	370	510	
press capacity (weight) (in relation to bulk weight)																			
- 35 kg/m³ e.g. flattened OCC	ca. t/h	4	5,1	8,4	3,9	4,7	7,8	4,4	7,5	10,5	6,3	8,9	11,4	11,9	15,4	21,2	13	17,9	
- 60 kg/m³ e.g. mixed paper	ca. t/h	6,6	8,3	13,3	6,3	7,7	12,7	7,2	12,1	16,8	10,2	14,5	18,5	18,3	23,5	32	19,5	27,6	
baler weight (according to equipment)	ca. t	12			14			17			20			36			39		

Dimension in mm	A	B	C	D	E	G	H	I	K	L	M	N	O	P	R
CPH 5140	9215	1700	4695	1400	3715	4415	4800	2495	295	750	3355	920	810	1000	3090
CPH 6540	9500	2005	4820	1600	3715	4515	4985	2495	295	750	3355	920	810	1000	3090
CPH 8040	9935	2160	4825	1600	3915	4715	5220	2500	300	750	3360	920	810	1000	3090
CPH 10040	11450	2340	5040	1750	4915	5790	5660	2540	340	750	3400	920	810	1000	3090
CPH 12050	13490	2770	5565	2000	6115	7115	6375	3065	535	1100	3925	1020	860	1100	3320
CPH 15050	13490	2770	5565	2000	6115	7115	6375	3065	535	1100	3925	1020	860	1100	3320



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CHANNEL BALING PRESS
WITH HORIZONTAL WIRE TYING SYSTEM