

**DANCERT****DANISH TECHNOLOGICAL
INSTITUTE**

Dancert A/S
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CVR no. DK-29512094

EU-notified body No. 1073

EC Type-examination Certificate

No. DAN-23-MD-0503

In compliance with Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 as amended (the Machinery Directive, MD) this EC Type-examination Certificate applies for

Machine type: Hydraulic Press
Model: H1-C1-B1
Sample machine: P20324301
Designated standard: EN ISO 16092-1:2018. EN ISO 16092-3:2018
Manufacturer: AUTOMATION, PRESS AND TOOLING, A.P.& T. AB
Rönnåsgatan 3A 523 38 Ulricehamn
Sweden

This EC Type-examination Certificate attests that a representative model of the above-mentioned machinery type has been found to be covered by Annex IV of the Machinery Directive and to satisfy the provisions of the Essential Health and Safety Requirements of the Machinery Directive, Annex I, applicable to the machinery type, and that the technical file relating to the tested machinery type contains all necessary information.

This EC Type-examination Certificate, which has been issued in compliance with the provisions of Annex IX, article 12, 3b and 4a of the Machinery Directive, will remain valid until the date below, provided that neither the machinery type nor the provisions of the Machinery Directive are modified significantly, unless suspended or withdrawn by Dancert.

The Type-examination Certificate is valid from 2025-01-30 through 2030-01-29

The Type-examination Certificate was first issued on 2023-12-22

The validity of the Type-examination Certificate can be verified by contacting Dancert A/S

The technical specifications for this certificate are stated in the appendix.

For Dancert, Lars Bennedsen, CEO

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Appendix to EC Type-examination Certificate nr. DAN-23-MD-0503

Essential Health and Safety Requirements

The hydraulic press has passed the review of documentation in the Technical File, evaluation of the Machinery Directive EHSR, relevant part of EN ISO 16092-1:2018 and EN ISO 16092-3:2018 along with execution of tests and the result of those.

Report Number

DAN-23-MD-0503

Machinery Directive Annex IV Category

Article 9. Presses, including press-brakes, for the cold working of metals, with manual loading and/or unloading, whose movable working parts may have a travel exceeding 6 mm and a speed exceeding 30 mm/s.

Machinery - Technical specifications:						
Machine Type	H1-C1-B1 ¹⁾	H1-C1-B1	H1-C1-B1			
Machine designation	H1-C1-B1-PS1/PS4-SD0-SD2-PS4-SD0-S1	H1-C1-B1-PS1-SD2-PS4-SD0-S1	H1-C1-B1-PS4-SD0-PS1/PS4-SD2-S1			
MD Annex IV Category	9					
Required marking						[unit]
Main cylinder	5000	3150	14000			kN
Safety pressure valve, setting	37000	37000	37000			kPa
Counter-pressure valve, setting	4000	6500	4500			kPa
Press velocity	68	54	33			mm/s
Closing speed	500	500	300			mm/s
Max. Stroke length	800	1000	600			mm
Weight (excl. accessory)	45000	22100	70500			kg

¹⁾ H1 (Hydraulic System) C1 (Control system) B1 (Operation) is the same for all machine designations.

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Die cushion cylinder	2500	800	1250			kN
Stroke length	315	315	315			
Third cylinder	-	1000	10000			kN
Stroke length	-	315	150			mm
Fourth cylinder	350	-	-			kN
Stroke length	150	-	-			mm
Electric system						
Intermittent power	178	86	178			kW
Rated power	152	70	152			kW
Electrical supply	400	400	400			V DC
Tool data						
Max weight	1500	2000	1000			kg
Max dimension	1300 x 1300	1300 x 1000	1400 x 1400			mm
Safety equipment						
Light curtains, safety distance	462	276	488			mm
Stop time	231	138	244			ms
Accessories on tested machine						
AP&T Tool clamping system	4 x 60	-	-			kN
Hilma angular clamping blocks	-	-	4 x 110			kN

Revisions EC Type-examination Certificate

Project No.	Description	Revision No.	INT.	Date
254650	Addition of machine designation H1-C1-B1-PS1-SD2-PS4-SD0-S1	01	JARA	03-05-2024
275084	Addition of machine designation H1-C1-B1-PS4-SD0-PS1/PS4-SD2-S1	02	FFY	30-01-2025