

Product Information

CTA: 12117 12118

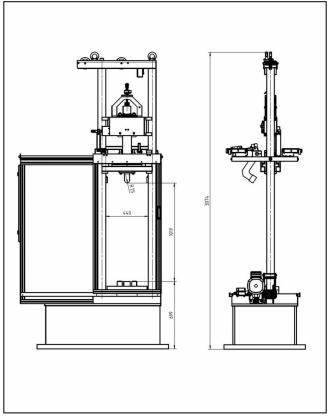
ZwickRoell drop weight testers Pellini P550 und P1650



ZwickRoell drop weight tester Pellini P550 with 1 m drop height

Application range

Testing of "Pellini-specimens" according to ASTM-E 208 and SEP 1325.



Drawing: ZwickRoell drop weight tester Pellini P550 with 1 m drop height

Advantages and features

- Modular "building block" system with two sizes
- Interchangeable flexure inserts and fixtures.
- Electrical and mechanical test-area safeguards with safety circuit the test does not begin until all safety switch contacts have been interrogated.
- Independent pneumatically operated safety interlocking safeguards test area against accidents
- Touchscreen operation with electronic display of drop height, drop energy, drop weight and impact velocity (theoretically)
- The steplessly adjustable drop height is automatically achieved after input of drop weight and drop energy
- No extra foundation required. Floor must be capable of carrying a specific load of 0.3 kg/cm²

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Model	P550	P1650	
Item No.	022317	024571	
Drop energy	340 550	340 1650	J
Drop height max.	1000	1300	mm
Drop weight	24.8 56	24.8 130	kg
Total weight	2534	2620	kg
Drop speed max.	4.4	5	m/s
Dimensions			
A – height approx.	3074	3374	mm
B – width approx.	1550	1550	mm
C – depth approx.	840	840	mm
Power rating	2	2	kW
Compressed air	8	8	bar
Specimens			
P1	no	yes	
P2	yes	yes	
P3	yes	yes	
P4	yes	yes	

Length	Width	Thickness	
360 ± 10	90 ± 2,0	25 ± 0,3	mm
130 ± 10	50 ± 1,0	$19 \pm 0,2$	mm
130 ± 10	50 ± 1,0	$16 \pm 0,2$	mm
130 ± 10	50 ± 1,0	$13 \pm 0,2$	mm
Length	Width	Thickness	
356	89	25,4	mm
127	51	19	mm
127	51	15,9	mm
	360 ± 10 130 ± 10 130 ± 10 130 ± 10 130 ± 10 Length 356 127	360 ± 10 $90 \pm 2,0$ 130 ± 10 $50 \pm 1,0$ 135 ± 10 $50 \pm 1,0$ 130 ± 10 $50 \pm 1,0$ 130 ± 10 $50 \pm 1,0$ 130 ± 10 $50 \pm 1,0$ 127 51	360 ± 10 $90 \pm 2,0$ $25 \pm 0,3$ 130 ± 10 $50 \pm 1,0$ $19 \pm 0,2$ 130 ± 10 $50 \pm 1,0$ $16 \pm 0,2$ 130 ± 10 $50 \pm 1,0$ $13 \pm 0,2$ Length WidthThickness 356 89 $25,4$ 127 51 19