

# Powder Presses for Automotive Parts

/ Dry Powder Compacting Press | Hydraulic PCH Series



PART / MODEL	SMI-5-PCHT	SMI-10 / 20-PCH	SMI-30 / 40-PCH
Max. pressing capacity [Ton]	5	10. / 20.	30. / 40.
Max. ejecting capacity [Ton]	3	5. / 10.	15. / 20.
Upper ram stroke [mm]	150	200	250
Max. powder filling depth [mm]	50	80	100
Filling stopper adjustment [mm]	0 ~ 50	0 ~ 80	0 ~ 100
Die floating stroke [mm]	0.5 ~ 2	1 ~ 4 / 2 ~ 8	3 ~ 12 / 4 ~ 16
Upper ram adjustment [mm]	0 ~ 30	0 ~ 40	0 ~ 50
Die surface adjustment [mm]	±5	±5	±5
Feeder stroke [mm]	150	180. / 200.	250
Under / Over fill stroke [mm]	5	5	5
Motor power required [kw]	5	7.5	10. / 15.
Compacts per minute [SPM]	2 ~ 6	2 ~ 6	2 ~ 6
Machine size-H x W x D [cm]	190X110X100	210 / 250X140X140	270(350)X165X140
Machine weight [kg]	1500	2000 / 2300	3000 / 4000
Dieset and Core type	A,B,C and Fixed Core (option : Moving Core)		
Cycle control	Product Life Cycle control (option : Touch operation)		
Pressing tonage indicator	Digital Load Transmitter & Indicator		
Cylinder speed control	High & Low Speed control / (option) Proportional Speed Control		
Cylinder position control	Photo-electric sensor control / (option) Digital Position Control		
Both pressurization method	Withdrawal Floating way		
Lubricant supply system	Center concentration Auto Grease Pump supply		
Driving method	Manual / Semi-Auto / Full Auto		

**LPR GLOBAL**

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PART / MODEL	SMI-60 / 80-PCHT	SMI-100-PCH	SMI-200 / 300-PCH
Max. pressing capacity [Ton]	60 / 80	100	200 / 300
Max. ejecting capacity [Ton]	30 / 40	50	100 / 150
Upper ram stroke [mm]	300	300	350
Max. powder filling depth [mm]	120	150	150
Filling stopper adjustment [mm]	0 ~ 120	0 ~ 150	0 ~ 150
Die floating stroke [mm]	5 ~ 20	7 ~ 30	10 ~ 40 / 15 ~ 60
Upper ram adjustment [mm]	0 ~ 60	0 ~ 80	-
Die surface adjustment [mm]	±5	±5	±10
Feeder stroke [mm]	300	350	450
Under / Over fill stroke [mm]	5	5	15
Motor power required [kw]	20 / 25	30	40
Compacts per minute [SPM]	2 ~ 6	2 ~ 6	1 ~ 4
Machine size-H x W x D [cm]	350(410)X210X200	450X230X250	480(530)X280X308
Machine weight [kg]	4500 / 5000	8500	12000 / 18000
Dieset and Core type	A,B,C and Fixed Core (option : Moving Core)		
Cycle control	Product Life Cycle control (option : Touch operation)		
Pressing tonnage indicator	Digital Load Transmitter & Indicator		
Cylinder speed control	High & Low Speed control / (option) Proportional Speed Control		
Cylinder position control	Photo-electric sensor control / (option) Digital Position Control		
Both pressurization method	Withdrawal Floating way		
Lubricant supply system	Center concentration Auto Grease Pump supply		
Driving method	Manual / Semi-Auto / Full Auto		

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PART / MODEL	SMI-400 / 500-PCH	SMI-800-PCH
Max. pressing capacity [Ton]	400 / 500	800
Max. ejecting capacity [Ton]	150 / 200	250
Upper ram stroke [mm]	400	450
Max. powder filling depth [mm]	200	200
Filling stopper adjustment [mm]	0 ~ 200	0 ~ 200
Die floating stroke [mm]	30 ~ 120	50 ~ 200
Upper ram adjustment [mm]	-	-
Die surface adjustment [mm]	±10	±10
Feeder stroke [mm]	500	700
Under / Over fill stroke [mm]	15	15
Motor power required [kw]	40	60
Compacts per minute [SPM]	1 ~ 4	1 ~ 3
Machine size-H x W x D [cm]	580 X 300 X 420	650 X 340 X 480
Machine weight [kg]	23000	28000
Dieset and Core type	A,B,C and Fixed Core (option : Moving Core)	
Cycle control	Product Life Cycle control (option : Touch operation)	
Pressing tonage indicator	Digital Load Transmitter & Indicator	
Cylinder speed control	High & Low Speed control / (option) Proportional Speed Control	
Cylinder position control	Photo-electric sensor control / (option) Digital Position Control	
Both pressurization method	Withdrawal Floating way	
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