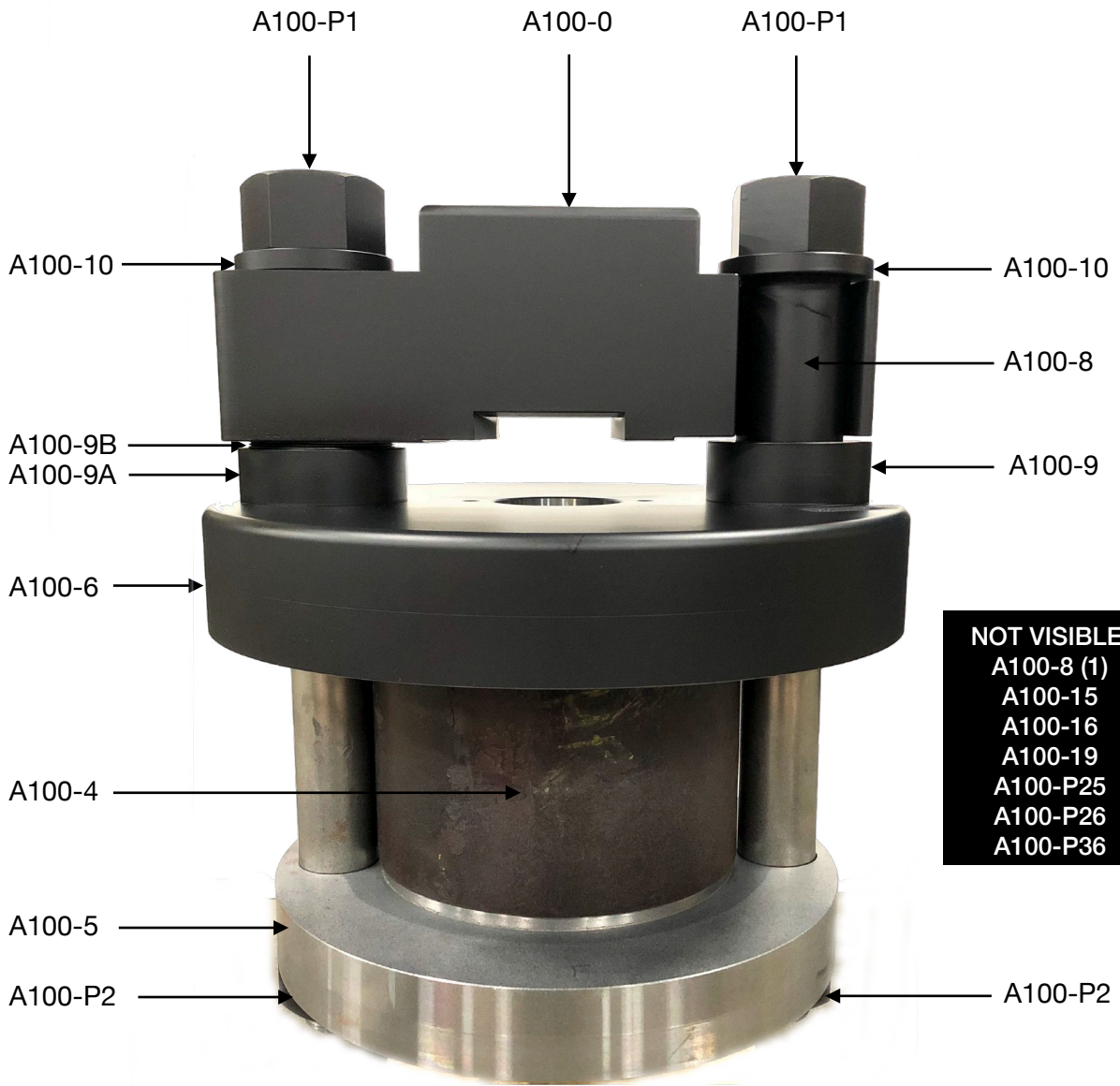


ANGSTROM 4451A/4451AE/4452 HEAD ASSEMBLY



ALSO AVAILABLE:
A100-43 Complete Head Assembly
Ships assembled and includes all parts above



MODELS 4451A, 4451AE AND 4452 BRIQUET PRESS REPAIR PARTS

PART No.				DESCRIPTION	PART No.				DESCRIPTION
	4451A	4451AE	4452			4451A	4451AE	4452	
A100-0	●	●	●	BRIDGE	A100-P63	●	●	CABLE W/DIN CONNECTOR	
A100-3	●	●	●	PISTON	A100-P64	●	●	PROXIMITY SWITCH W/CABLE	
A100-4	●	●	●	CYLINDER	A100-P67	●	●	DUMP VALVE	
A100-5	●	●	●	CYLINDER BASE	A100-P140	●		CONTROL VALVE	
A100-6	●	●	●	CYLINDER HEAD	A100-P141	●	●	PUMP MODULE	
A100-8	●	●	●	SLEEVE	A100-P142	●	●	PUMP/MOTOR COUPLING	
A100-9	●	●	●	RIGHT SPACER	A200-1	●	●	PROPORTIONAL RELIEF VALVE	
A100-9A	●	●	●	LEFT SPACER	A200-2	●	●	PROPORTIONAL AMPLIFIER	
A100-9B	●	●	●	LEFT SPACER THRUST BEARING	A200-3	●	●	CONTROL VALVE	
A100-10	●	●	●	TIE ROD WASHER	A200-5	●		PLC, 24V	
A100-15	●	●	●	CUP WASHER	A200-6	●		POWER SUPPLY, 24V	
A100-16	●	●	●	PISTON STOP BOLT	A200-7	●		TOUCH PANEL	
A100-19	●	●	●	COMPRESSION SPRING	A200-10	●		BATTERY, PLC	
A100-42	●	●	●	PUMP/MOTOR MOUNT	A200-16	●		PRESSURE TRANSDUCER	
A100-53	●	●	●	MOLD HOLD DOWN CLAMPS (PAIR)	003-031	●	●	POWER SUPPLY, 24V	
A100-P1	●	●	●	TIE ROD WITH TOP NUT	015-011	●	●	POTENTIOMETER, 25K 1-TURN	
A100-P2	●	●	●	HEX NUT	058-022	●		FUSE, 1A (FOUR REQUIRED)	
A100-P3	●	●	●	HYDRAULIC OIL, 5 GAL (15 GAL REQ'D)	058-024	●		FUSE, 5A	
A100-P7	●			FLOW CONTROL VALVE	058-025	●		FUSE, 6A	
A100-P25	●	●	●	O-RING	060-007	●		TOGGLE SWITCH	
A100-P26	●	●	●	PACKING CUP	060-016	●	●	TOGGLE SWITCH	
A100-P36	●	●	●	COPPER WASHER	096-105	●	●	HYDRAULIC HOSE, 1/2" X 24"	
A100-P38	●	●	●	PRESSURE GAUGE	096-106	●	●	HYDRAULIC HOSE, 3/8" X18"	
A100-P39	●	●	●	STRAINER					
A100-P40	●	●	●	IN-LINE HIGH PRESSURE FILTER					
A100-P40C	●	●	●	REPLACEMENT FILTER CARTRIDGE					
A100-P40F	●	●	●	IN-LINE FILTER VISUAL INDICATOR					
A100-P42	●	●	●	MOTOR, 220/440V 60 Hz 3-PHASE					
A100-P44	●	●	●	MOTOR, 220V 60 Hz 1-PHASE					
A100-P46	●	●	●	MOTOR, 550V 60 Hz 3-PHASE					
A100-P51	●			RELIEF VALVE (REQUIRES A100-P40)					
A100-P54A	●	●	●	STARTER SWITCH, 220-550V 3-PHASE					
A100-P54B	●	●	●	HEATER ELEMENT, 220V (3 REQ'D)					
A100-P55B	●	●	●	HEATER ELEMENT, 440V (3 REQ'D)					
A100-P56A	●	●	●	STARTER SWITCH, 220V 1-PHASE					
A100-P56B	●	●	●	HEATER ELEMENT, 220V 1-PHASE					
A100-P59	●			TRANSFORMER, 220/440V					
A100-P59A	●			TRANSFORMER, 550V					

ASSEMBLIES									
PART No.				DESCRIPTION					
	4451A	4451AE	4452						
A100-43	●	●	●	HEAD ASSEMBLY					
A100-44	●			CONTROL VALVE ASSEMBLY					
A100-45A	●	●	●	MOTOR/PUMP ASY, 220/440V 60 Hz 3-PH					
A100-45B	●	●	●	MOTOR/PUMP ASY, 220V 60 Hz 1-PH					
A100-45C	●	●	●	MOTOR/PUMP ASY, 550V 60 Hz 3-PH					
A100-E44	●			CONTROL VALVE ASSEMBLY					
A100-E45	●			CONTROL VALVE ASSEMBLY					
A100-E51	●	●		RELIEF VALVE ASSEMBLY					
A100-E52	●	●		STEP-DOWN TRANSFORMER ASY, 220-440V					
A100-E52A	●	●		STEP-DOWN TRANSFORMER ASY, 550V					
A100-E53	●			PRESSURE REGULATOR ASY					