



PIB PRINTING CHECKLIST

v2024

Here is a list of all printed parts you need to build your own pib.

PRINTING PARTS – A-HEAD

✓	Part number	Part name	Quantity 1-arm-pib	Quantity 2-arm-pib	Weight	Printing time
	A01	Face	1	1	320g	12h 20min
	A03	Face-Plate	1	1	62g	2h 30min
	A71	Inner_part	1	1	40g	1h 40min
	A72	Top_part	1	1	75g	2h 35min
	A73	Cover_neck	1	1	16g	30min
	A74	Motor_shaft	2	2	3.7g	25min
	A75-L	Neck_Left	1	1	120g	4h 45min
	A75_R	Neck_Right	1	1	120g	4h 45min
	A76	Neck_Middle	1	1	33g	1h 25min
	A77	Motor_Adapter_Neck	1	1	2.5g	10min

PRINTING PARTS – B-BODY

✓	Part number	Part name	Quantity 1-arm-pib	Quantity 2-arm-pib	Weight	Printing time
	B19	Flat_stand_right	1	1	315g	10h 45min
	B20	Flat_stand_left	1	1	292g	9h 45min
	B25	Wire_connector	7	14	1.5g	6min
	B26	Wire_connector_pawl	6	12	1.4g	7min
	B27	Wire_connector_mount	7	14	0.25g	2min
	B31	Wire_connector_pawl_forearm	1	2	1.1g	6min
	B41-L	Clavicle_Left	1	1	290g	9h 20min
	B41_R	Clavicle_Right	1	1	290g	9h
	B42-L	Ribcage_Left	1	1	230g	7h 30min
	B42-R	Ribcage_Right	1	1	230g	7h 30min
	B43-L	Ribcage_Lower_Left	1	1	200g	6h 15min
	B43-R	Ribcage_Lower_Right	1	1	200g	6h 15min
	B44	Electronics_back	1	1	88g	5h
	B45	Electronics_base	1	1	40g	1h 20min
	B46	Power_back	1	1	110g	5h



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PRINTING PARTS – B-BODY

✓	Part number	Part name	Quantity 1-arm-pib	Quantity 2-arm-pib	Weight	Printing time
	B47	Power_Holder	1	1	23g	50min
	B48	Hinge	4	4	3.5g	15min
	B49	Hinge_Plate	2	2	3.5g	10min
	B51	Servo_Array_Scaffold	1	2	53g	2h 20min
	B52	Tube_Holder_Side	2	4	2.9g	8min
	B53	Tube_Holder_Top	1	2	1.8g	6min
	B54	M3-M4.5_Adapter	2	2	12g	30min
	B55	Logo_edu	1	1	3.9g	30min

PRINTING PARTS – C-ARM

✓	Part number	Part name	Quantity 1-arm-pib	Quantity 2-arm-pib	Weight	Printing time
	C08	Central_rotator_bracket	2	4	20g	52min
	C09	Central_rotator_connector	2	4	32g	1h 10min
	C10	Elbow	1	2	197g	7h
	C11	Elbow_servo_scaffold	1	2	61g	2h 40min
	C12	Elbow_motor_connector	1	2	6.5g	18min
	C13	Elbow_shell_lower	1	2	95g	4h
	C15	Central_rotator_motor_connector	2	4	16.5g	35min
	C16	Elbow_joint_connector	2	4	1.4g	12min
	C19	Forearm_distal_top	1	2	148g	5h
	C20	Forearm_cover	1	2	12g	1h
	C21	Elbow_servo_holder	1	2	36g	1h 45min
	C24	Forearm_tube_enclosure	1	2	0.56g	4min
	C50	Wrist_Joint_Connector	2	4	1.4g	12min
	C60	Flange_Inner_Shoulder	1	2	8.5g	21min
	C61	Motor_Bracket_Inner_Shoulder	1	2	148g	4h 20min
	C62	Ringflange_Inner_Shoulder	1	2	33g	1h
	C63	Motor_Axis_Inner_Shoulder	1	2	52g	1h 40min
	C64	Motor_Axis_Cap_Inner_Shoulder	1	2	22g	45min
	C65	Bracket_Outer_Shoulder	1	2	176g	6h



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PRINTING PARTS – C-ARM

✓	Part number	Part name	Quantity 1-arm-pib	Quantity 2-arm-pib	Weight	Printing time
	C66	Cap_Front_Outer_Shoulder	1	2	45g	1h 25min
	C67	Cap_Back_Outer_Shoulder	1	2	27g	50min
	C68	Inner_Ring_Outer_Shoulder	2	4	11g	27min
	C69	Inner_Part_Outer_Shoulder	1	2	320g	9h 20min
	C70	Shell_Outer_Shoulder	1	2	110g	3h 40min
	C72	Plate_Outer_Shoulder	2	4	0.9g	4min
	C73	Motor_Bracket_outer_shoulder	1	2	14g	36min
	C74	Wire_holder	2	4	4g	19min

PRINTING PARTS – D-HAND

✓	Part number	Part name	Quantity 1-arm-pib	Quantity 2-arm-pib	Weight	Printing time
	D01	Palm_left	1	1	93g	3h 55min
	D02	Palm_right	1	1	93g	3h 55min
	D05	Finger_proximal_lower	5	10	4.8g	26min
	D06	Finger_proximal_bracket	5	10	1.6g	6min
	D07	Finger_proximal_upper	5	10	4.8g	25min
	D08	Finger_distal	5	10	8g	40min
	D09	Finger_tip	5	10	2g	10min
	D10	Tube_cover	1	2	2.5g	8min
	D11	Ballbearing_enclosure	1	1	0.5g	5min
	D11_R	Ballbearing_enclosure_right	1	1	0.5g	5min
	D13	Thumb_rotator	1	1	11g	45min
	D13_R	Thumb_rotator_right	1	1	11g	45min



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