

IMEXITALIA

R O B O T I C S



BORUNTE®
Intelligent equip world
智能装备世界

LA SOLUZIONE PER MIGLIORARE L'EFFICIENZA
EFFICIENCY IS OUR MISSION

Robot Antropomorfi
Robot Cartesiani a 3 e 5 assi servoelettrici

MANIPOLATORI PRENDIMATEROZZA CON ASSE VERTICALE SERVOELETTRICA

- Per presse da 30 ton a 200 ton
- Asse verticale servoelettrico
- Guide lineari
- Circuito pinza per materozza
- Circuito del vuoto per prelievo pezzi
- Portata 2/3 kg
- Tempo ciclo 5/6 secondi



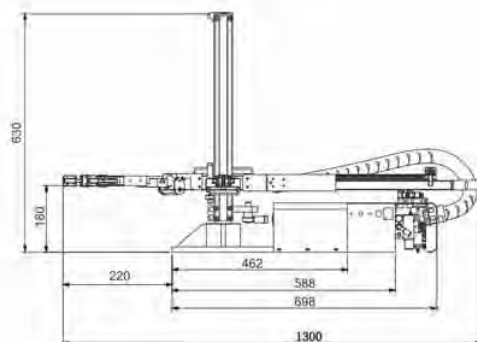
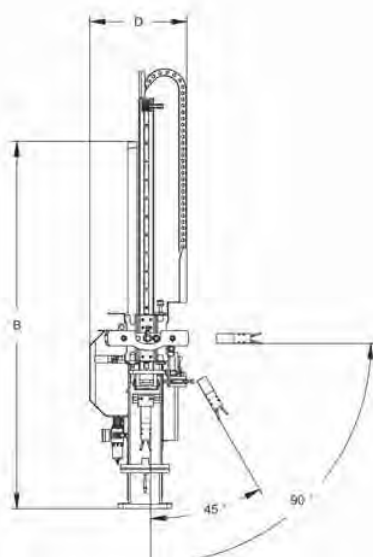
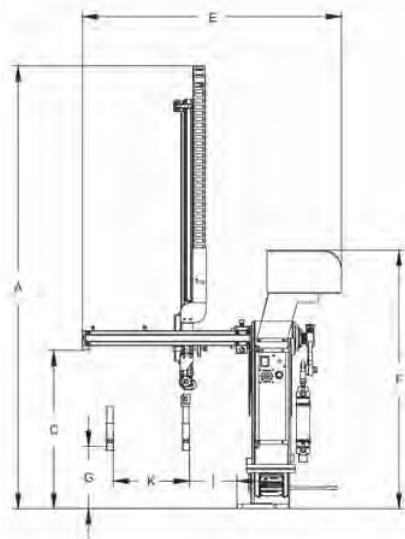
- Suitable for injection moulding machines from 30 tons to 200 tons
- Servo electrical vertical axis
- Linear guides
- Sprue fixture tool circuit
- Vacuum generator used to take the moulded pieces out
- Max loading: 2/3 Kg
- 5/6 second cycle time

PALMARE CON FACILE INTERFACCIA PER OPERATORE

PAL CONTROLLER WITH EASY DIALOGUE INTERFACE FOR OPERATORS

PRINCIPALI CARATTERISTICHE - MAIN SPECIFICATIONS

Modello Model	Potenza elettrica Power Source	Idoneo per presse (ton) Suitable for I.M.M.	Corsa verticale Vertical stroke	Corsa trasversale Crosswise stroke	Gradi angolo di oscillazione Swing angle degrees	Ciclo estrazione sec. Dry takeout time sec.	Massima portata kg. Max loading kg.	Tempo ciclo Dry cycle time	Consumo aria Air consumption	Peso kg Net weight kg
BRP650V	0.5	30T-150T	650	120	30-90	1.3	2	5.5	3	36
BRP650VY	0.5	30T-150T	650	125	30-90	0.9	3	5	2	42
BRP750VY	0.5	150T-220T	750	125	30-90	1.1	3	5.4	2	50



Modello Model	A	B	C	D	E	F	G	H	I	J	K
BRP650V	1330	1210	530	310	840	/	210	/	50	/	440
BRP650VY	1570	/	530	455	960	840	200	/	150	/	440
BRP750VY	1630	/	530	455	960	840	200	/	150	/	440

ROBOT CARTESIANI A 3 ASSI SERVOELETTRICI

- Idoneo per presse da 50 ton a 500 ton
- 3 assi con servo motori elettrici
- Versione Hi-Tech con 5 assi servocontrollati
- Asse verticale telescopico di serie
- Guide lineari THK2
- 2 venturi per vuoto indipendenti di serie
- 2 Circuiti per pinze indipendenti di serie
- Controllo con schermo da 8" a colori
- Schermo Touch Screen
- Interfaccia Euomap 12 o Euomap 67



- Suitable for injection moulding machines from 50 tons to 500 tons
- Three axis driven by AC servo motors
- Five axis driven by AC servo motors Hi Tech version
- Telescopic vertical axis
- THK2 linear guides
- 2 vacuum circuits
- 2 pneumatic grippers circuits
- 8 inch color Touch Screen
- 12 or 67 Euomap Interface

PRINCIPALI CARATTERISTICHE - MAIN SPECIFICATIONS

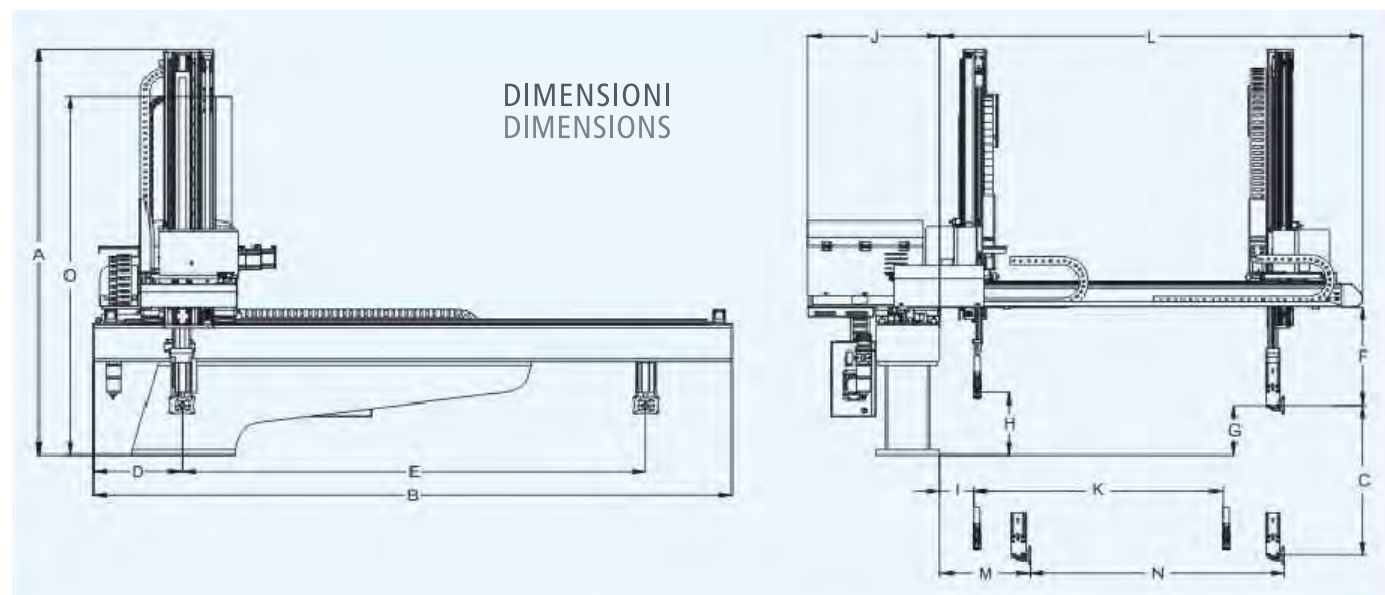
Modello Model	Potenza elettrica (kVA) Power source (kVA)	Idoneo per presse Suitable for I.M.M.	Corsa trasversale (mm) Transversal stroke (mm)	Corsa estrazione (mm) Crosswise stroke (mm)	Corsa verticale (mm) Vertical stroke (mm)	Massima portata kg. Max loading kg.	Tempo estrazione sec. Dry take out time sec.	Tempo ciclo sec. Dry cycle time sec.	Consumo aria (Nl/Ciclo) Air consumption (Nl/Cycle)	Peso kg Net weight kg
BRTR 07 WSS3PC	3.5	50T-100T	1300	P:300 - R: 125	720	3	1.02	4.75	4	270
BRTR 09 WDS5/WSS3PC	3.5	100T-200T	1500	P: 550 - R: 550	950	8	1.5	7.03	4	300
BRTR 13 WDS5/WSS3PC	3.6	200T-300T	1800	P: 800 - R: 800	1350	10	2.08	7.8	6.8	450
BRTR 17 WSS3PC	5.2	300T-500T	2500	P: 920 - R: 920	1700	15	3.72	12.72	15	800

W: ASSE VERTICALE TELESCOPICO
W: TELESCOPIC TYPE

S3: 3 ASSI ELETTRICI
S3: THREE AXIS DRIVEN BY AC SERVO MOTOR

S5: 5 ASSI ELETTRICI
S5: FIVE AXIS DRIVEN BY AC SERVO MOTOR

D: DOPPIO BRACCIO VERTICALE
D: DOUBLE VERTICAL ARM



Modello Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
BRTR07WSD3PC	1200	2280	720	570	1300	310	200	240	90	322	125	1020	325	300
BRTR07WSS3	1200	2280	720	570	1300	327	200	/	90	322	125	1020	/	300
BRTR09WDS5PC	1480	2280	950	365	1500	375	153	196	140	500	550	1195	330	550
BRTR09WSS3PC	1400	2220	800	385	1400	200	153	/	/	491	/	1096	/	550
BRTR13WDS5PC	1720	2690	1350	435	1800	390	195	245	148	515	800	1520	420	800
BRTR13WSS3PC	1720	2690	1350	435	1800	390	195	/	/	515	/	1520	/	800
BRTR17WDS5PC	1825	3385	1700	474	2500	520	102.5	159	241.5	515	920	1755	688	920
BRTR17WSS3PC	1825	3385	1700	474	2500	520	102.5	159	241.5	515	920	1755	688	920

ROBOT CARTESIANI A 3 E 5 ASSI SERVOELETTRICI

- Idoneo per presse da 150 ton a 3000 ton
- 3 assi con servo motori elettrici
- Versione HI TECH con 5 ASSI servocontrollati
- Asse verticale telescopico di serie
- Guide lineari THK2
- 2 venturi per vuoto indipendenti di serie
- 2 Circuiti per pinze indipendenti di serie
- Controllo con schermo da 8" a colori
- Schermo Touch Screen
- Interfaccia Euromap 12 o Euromap 67



- Suitable for injection moulding machines from 150 tons to 3000 tons
- Three axis driven by AC servo motors
- Five axis driven by AC servo motors Hi Tech version
- Telescopic vertical axis
- THK2 linear guides
- 2 vacuum circuits
- 2 pneumatic grippers circuits
- 8 inch color Touch Screen
- 12 or 67 Euromap Interface

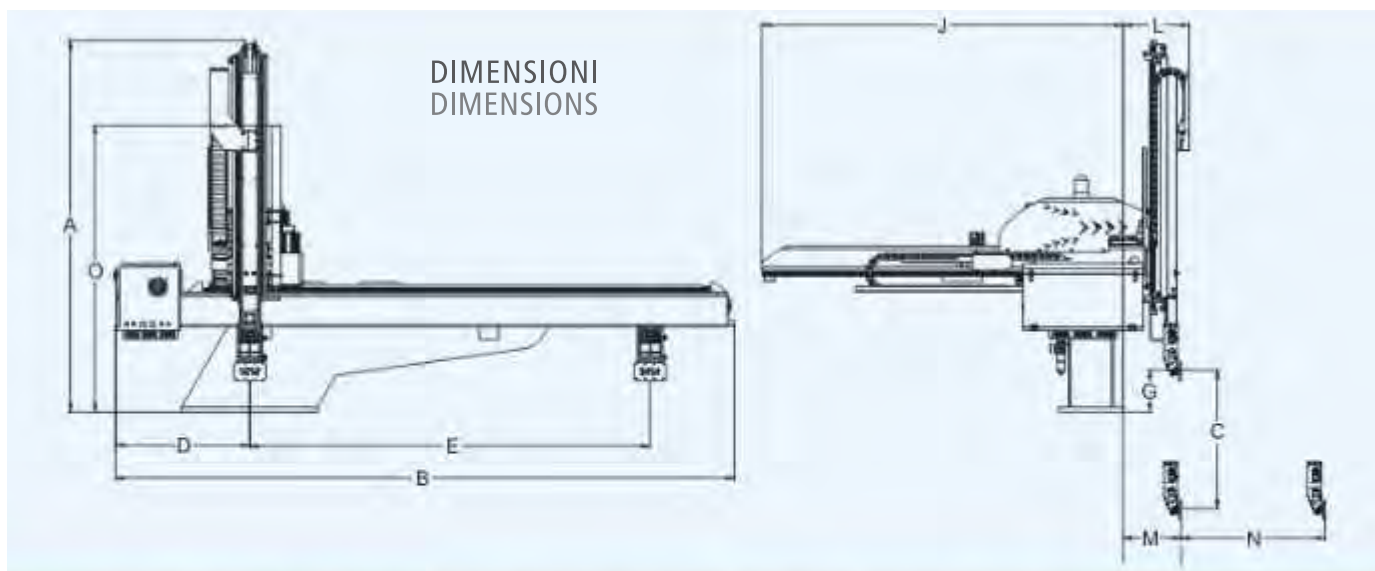
PRINCIPALI CARATTERISTICHE - MAIN SPECIFICATIONS

Modello Model	Potenza elettrica (kVA) Power source (kVA)	Idoneo per presse Suitable for I.M.M.	Corsa trasversale (mm) Transversal stroke (mm)	Corsa estrazione (mm) Crosswise stroke (mm)	Corsa verticale (mm) Vertical stroke (mm)	Massima portata kg. Max loading kg.	Tempo estrazione sec. Dry take out time sec.	Tempo ciclo sec. Dry cycle time sec.	Consumo aria (Nl/Cicb) Air consumption (Nl/Cycle)	Peso kg Net weight kg
BRTNN 11 WSS3	3.2	150T-250T	1700	700	1100	10	1.63	6.15	3.2	305
BRTNN 15 WSS4	3.4	250T-350T	2200	900	1500	15	2.74	9.03	3.2	680
BRTN 17 WSS5	4.2	350T-600T	2500	1430	1700	20	5.21	15.54	15	790
BRTN 24 WSS5	6.7	600T-1200T	3200	2000	2400	40	7	21.4	15	1550
BRTN 30 WSS5	6.7	1200T-3000T	4000	2500	3000	60	9.05	36.5	47	2020

W: ASSE VERTICALE TELESCOPICO
W: TELESCOPIC TYPE

S3: 3 ASSI ELETTRICI
S3: THREE AXIS DRIVEN BY AC SERVO MOTOR

S5: 5 ASSI ELETTRICI
S5: FIVE AXIS DRIVEN BY AC SERVO MOTOR

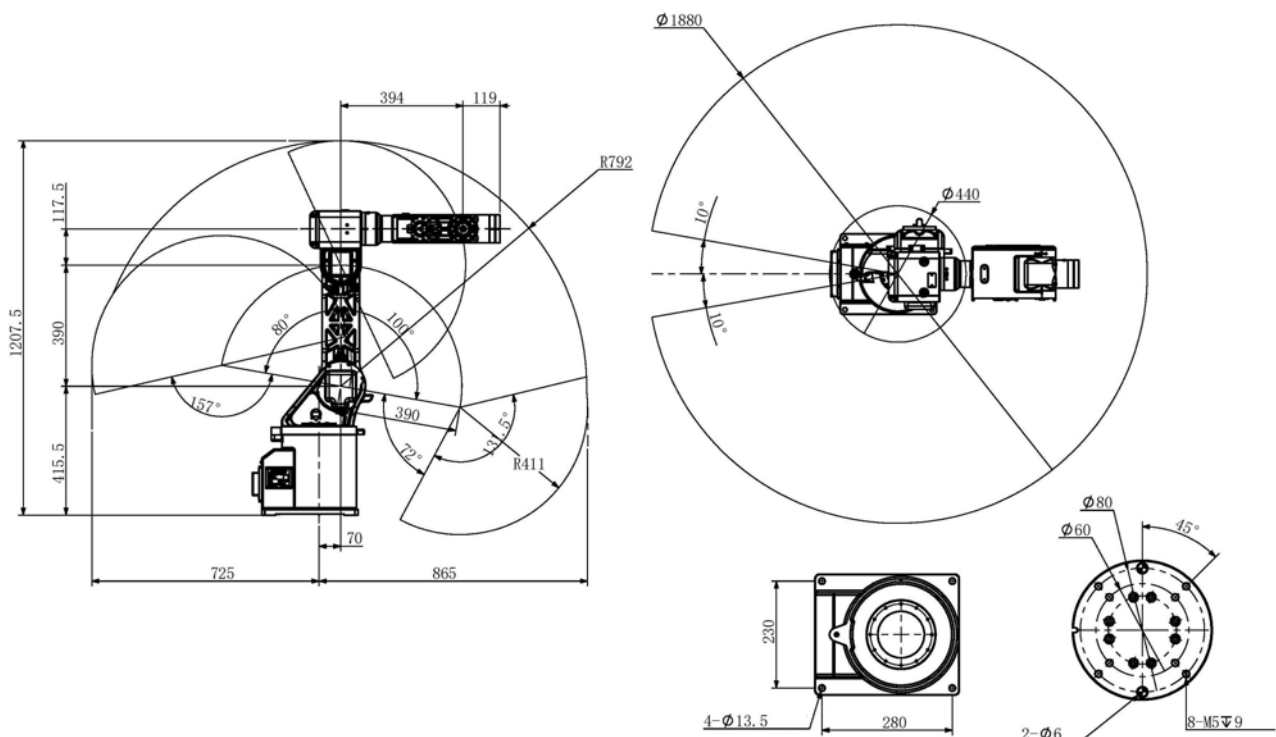


Modello Model	A	B	C	D	E	G	J	L	M	N	O
BRTNN 11 WSS3	1485	2510	1100	295	1700	181	1006	193	215	700	/
BRTNN 15 WSS4	1751	3075	1500	354	2200	265.5	1398.5	368	417	900	/
BRTN 17 WSS5	1886	3495	1700	485	2500	173	1885	430	435	1430	1597
BRTN 24 WSS5	2644	4380	2400	569	3200	313	2618	605	694	2000	2314
BRTN 30 WSS5	2983	5333	3000	615.5	4000	295	3154.5	601	690	2500	2493

ROBOT ANTROPOMORFI CON CAPACITA' DI CARICO DA 5 Kg A 200 Kg



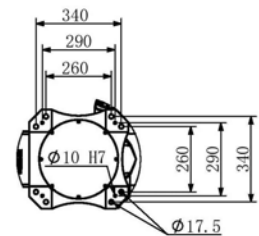
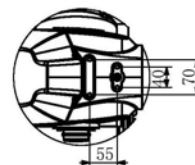
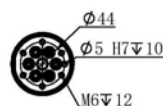
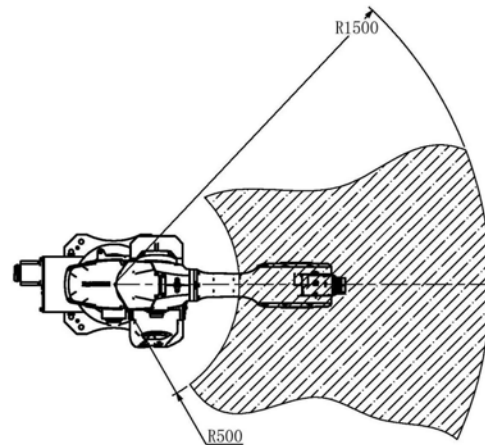
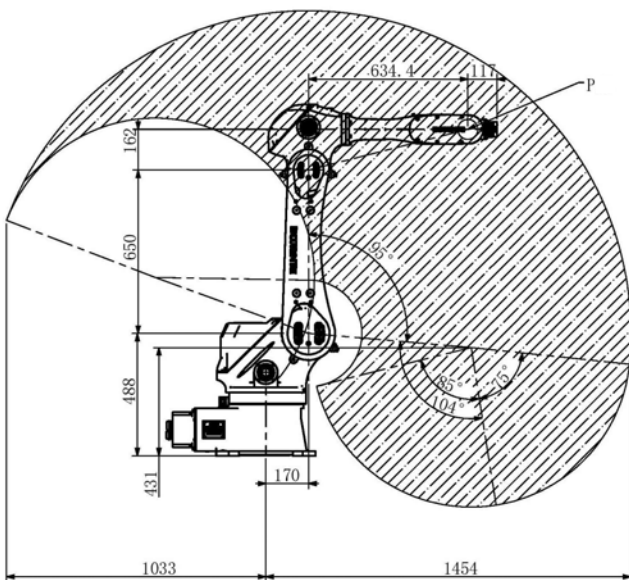
SPECIFICHE ITEM	Asse / Arm			Polso / Wrist			Lunghezza Asse Arm length	Capacità carico Loading ability	Ripetibilità Repeatability	Potenza elettrica Power Source	Peso netto Net weight
	J1	J2	J3	J4	J5	J6					
Lunghezza Asse (mm) Arm length (mm)	415.5 mm (Floor to 2nd axis)		390 mm (2nd-3rd axis)		394 mm (3rd-5th axis)	119 mm (5th axis to end)	940 mm	5 Kg	± 0.05 mm	2.8 KVA	53 Kg
Range (#°) Range (#°)	± 170°	- 100°/ +80°	- 80°/ +95°	± 180°	± 120°	± 360°					
Max velocità (#°/S) Max speed (#°/S)	266°/s	297°/s	300°/s	333°/s	500°/s	500°/s					



ROBOT ANTROPOMORFI CON CAPACITA' DI CARICO DA 5 Kg A 200 Kg



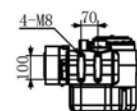
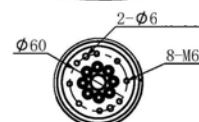
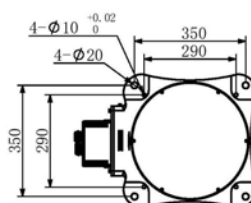
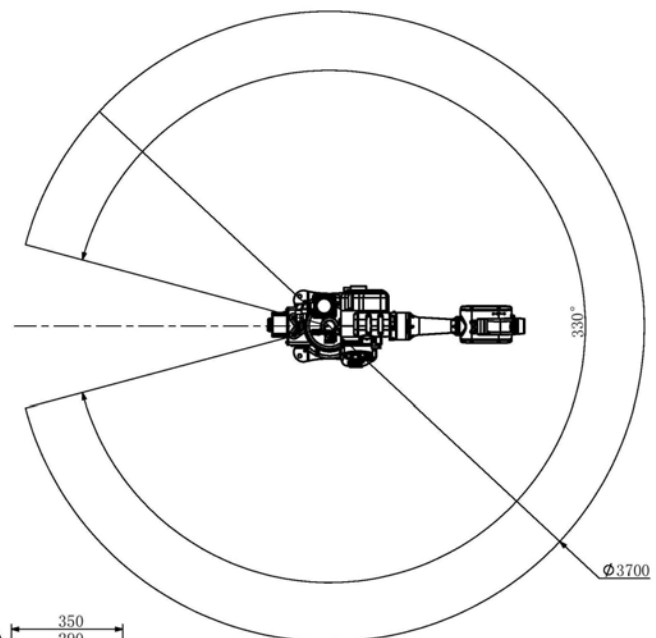
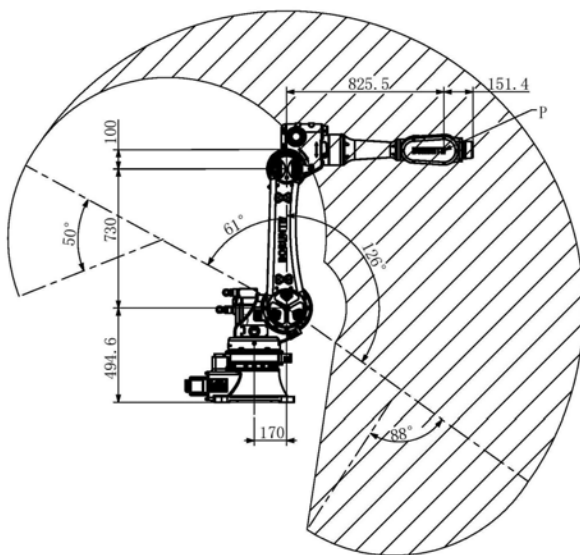
Specifiche Item	Asse / Arm			Polso / Wrist			Lunghezza Asse Arm length	Capacità carico Loading ability	Ripetibilità Repeatability	Potenza elettrica Power Source	Peso netto Net weight
	J1	J2	J3	J4	J5	J6					
Lunghezza Asse (mm) Arm length (mm)	445.03 mm (Floor to 2nd axis)		650 mm (2nd-3rd axis)		555.9 mm (3rd-5th axis)	165 mm (5th axis to end)	1500 mm	10 Kg	± 0.05 mm	3.3 KVA	157 Kg
Range (#°) Range (#°)	± 165°	- 95° / +70°	- 85° / +95°	± 180°	± 115°	± 360°					
Max velocità (#°/S) Max speed (#°/S)	148°/s	148°/s	223°/s	250°/s	270°/s	337°/s					



ROBOT ANTROPOMORFI CON CAPACITA' DI CARICO DA 5 Kg A 200 Kg



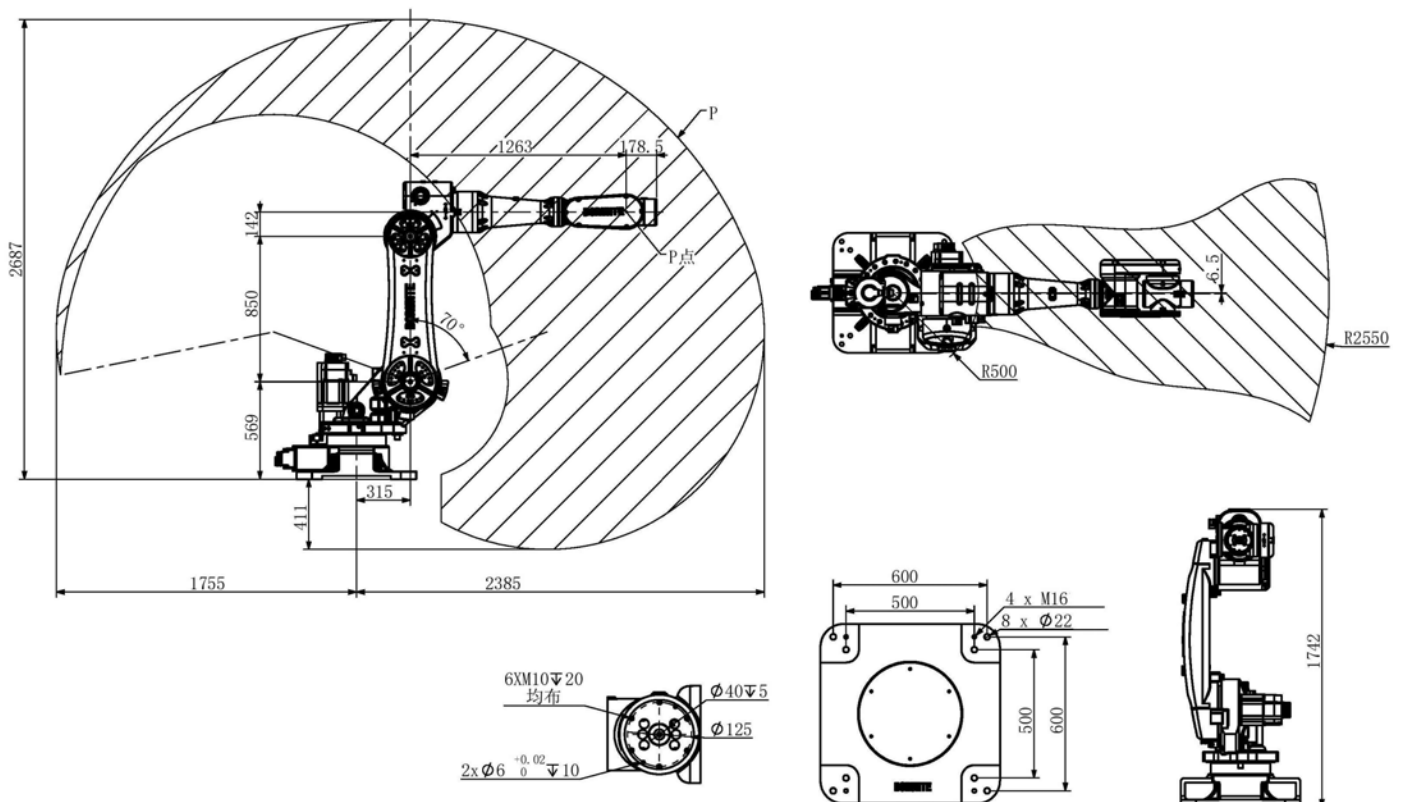
SPECIFICHE ITEM	Asse / Arm			Polso / Wrist			Lunghezza Asse Arm length	Capacità carico Loading ability	Ripetibilità Repeatability	Potenza elettrica Power Source	Peso netto Net weight
	J1	J2	J3	J4	J5	J6					
Lunghezza Asse (mm) Arm length (mm)	494.6 mm (Floor to 2nd axis)		730 mm (2nd-3rd axis)		825.5 mm (3rd-5th axis)	151.4 mm (5th axis to end)	1850 mm	20 Kg	± 0.05 mm	6.2 KVA	230 Kg
Range (#°) Range (#°)	± 165°	- 130/ +60°	- 75°/ +135°	± 180°	± 115°	± 360°					
Max velocità (#°/S) Max speed (#°/S)	102°/s	124°/s	125°/s	390°/s	300°/s	375°/s					



ROBOT ANTROPOMORFI CON CAPACITA' DI CARICO DA 5 Kg A 200 Kg



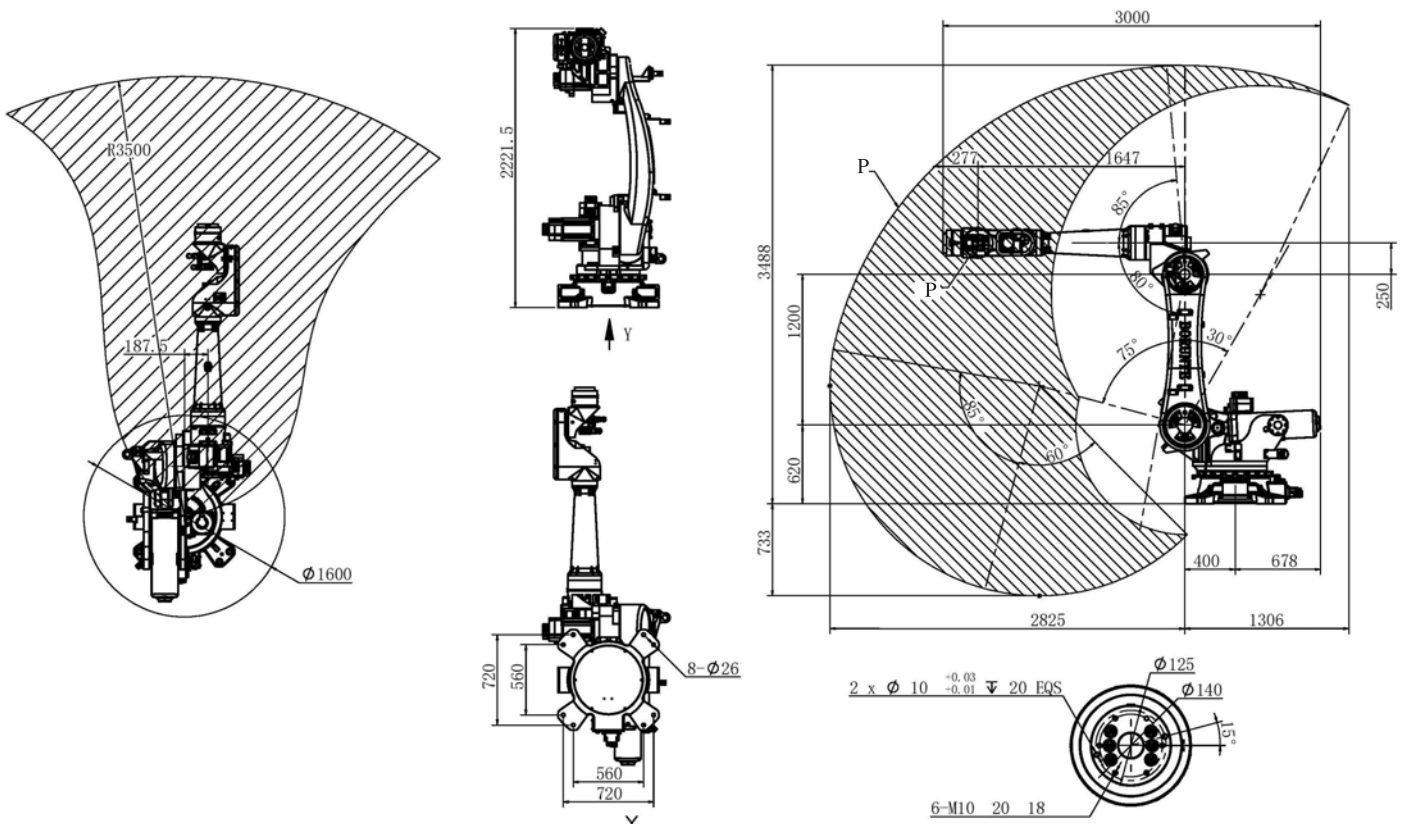
SPECIFICHE ITEM	Asse / Arm			Polso / Wrist			Lunghezza Asse Arm length	Capacità carico Loading ability	Ripetibilità Repeatability	Potenza elettrica Power Source	Peso netto Net weight
	J1	J2	J3	J4	J5	J6					
Lunghezza Asse (mm) Arm length (mm)	569 mm (Floor to 2nd axis)		390 mm (2nd-3rd axis)		394 mm (3rd-5th axis)	119 mm (5th axis to end)	2550 mm	50 Kg	± 0.1 mm	16.7 KVA	725 Kg
Range (#°) Range (#°)	± 160°	± 70°	- 75° / +115°	± 180°	± 125°	± 360°					
Max velocità (#°/S) Max speed (#°/S)	84°/s	52°/s	52°/s	345°/s	223°/s	223°/s					



ROBOT ANTROPOMORFI CON CAPACITA' DI CARICO DA 5 Kg A 200 Kg



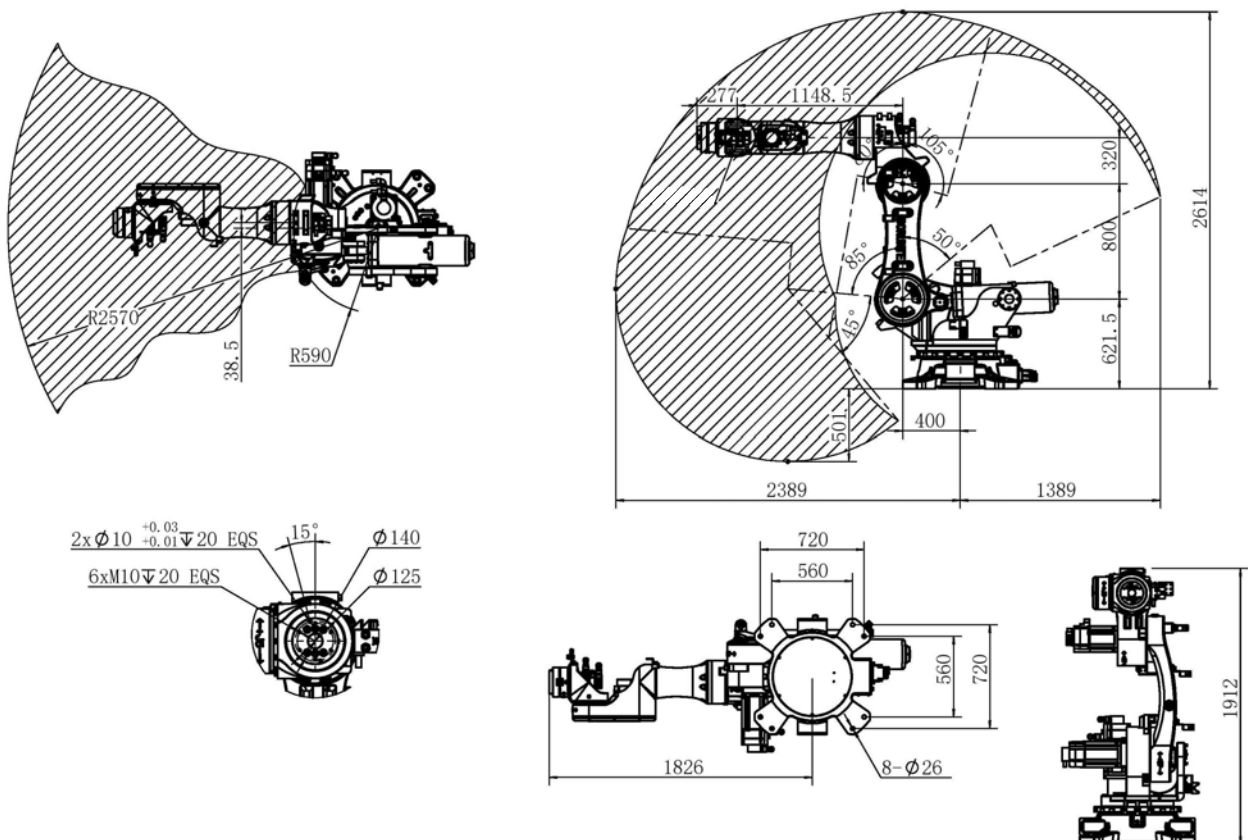
SPECIFICHE ITEM	Asse / Arm			Polso / Wrist			Lunghezza Asse Arm length	Capacità carico Loading ability	Ripetibilità Repeatability	Potenza elettrica Power Source	Peso netto Net weight
	J1	J2	J3	J4	J5	J6					
Lunghezza Asse (mm) Arm length (mm)			1200 mm (2nd-3rd axis)	250 mm (3rd-4th axis)	1647 mm (3rd-5th axis)	277 mm (5th axis to end)	3500 mm	100 Kg	± 0.2 mm	24.3 KVA	1350 Kg
Range (#°) Range (#°)	± 160°	- 75°/ +30°	- 80°/ +85°	± 180°	± 95°	± 360°					
Max velocità (#°/S) Max speed (#°/S)	85°/s	105°/s	105°/s	102°/s	148°/s	210°/s					



ROBOT ANTROPOMORFI CON CAPACITA' DI CARICO DA 5 Kg A 200 Kg



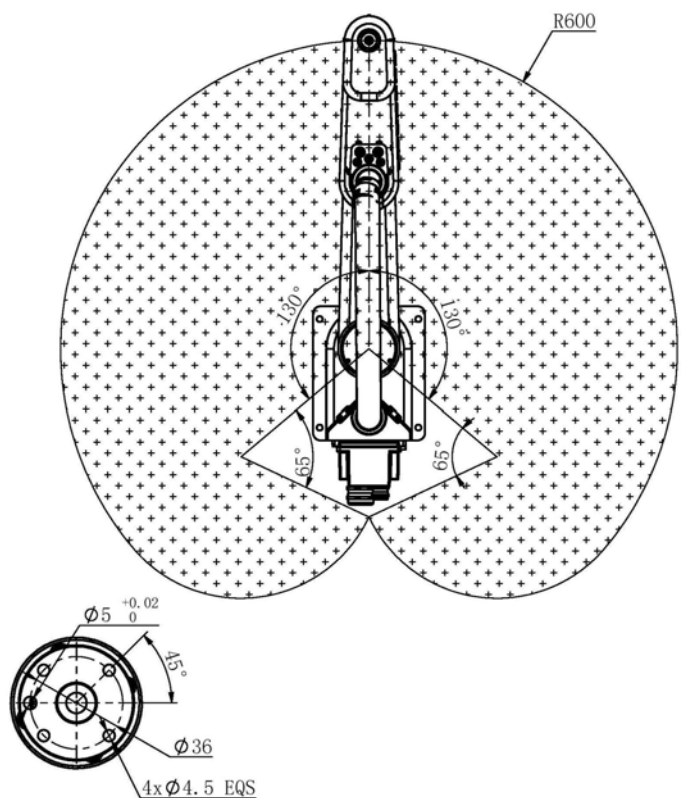
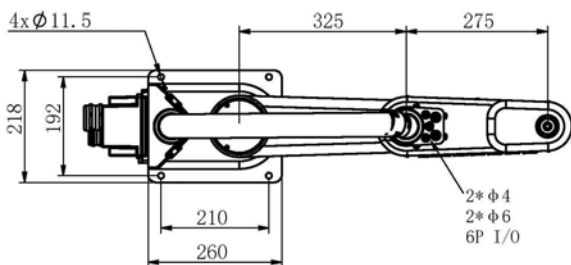
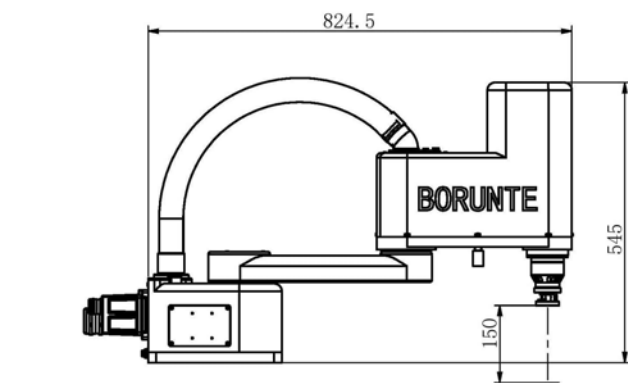
SPECIFICHE ITEM	Asse / Arm			Polso / Wrist			Lunghezza Asse Arm length	Capacità carico Loading ability	Ripetibilità Repeatability	Potenza elettrica Power Source	Peso netto Net weight
	J1	J2	J3	J4	J5	J6					
Lunghezza Asse (mm) Arm length (mm)			800 mm (2nd-3rd axis)	320 mm (3rd-4th axis)	1148.5 mm (3rd-5th axis)	277 mm (5th axis to end)	2570 mm	200 Kg	± 0.2 mm	25.4 KVA	1320 Kg
Range (#°) Range (#°)	± 160°	- 85°/ +50°	- 80°/ +105°	± 180°	± 95°	± 360°					
Max velocità (#°/S) Max speed (#°/S)	71°/s	70°/s	70°/s	105°/s	112°/s	148°/s					



ROBOT SCARA



SPECIFICHE ITEM	Asse / Arm			Polso / Wrist	Lunghezza Asse Arm length	Capacità carico Loading ability	Ripetibilità Repeatability	Potenza elettrica Power Source	Peso netto Net weight
	J1	J2	J3	J4					
Range (#°) Range (#°)	± 128°	± 145°	150 mm	± 360°	600 mm	3 Kg	± 0.02 mm	1.94 kVA	28 Kg
Max velocità (#°/S) Max speed (#°/S)	480°/s	576°/s	900 mm/s	696°/s					



IMEXITALIA

PRESSE AD INIEZIONE PER TERMOPLASTICI

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