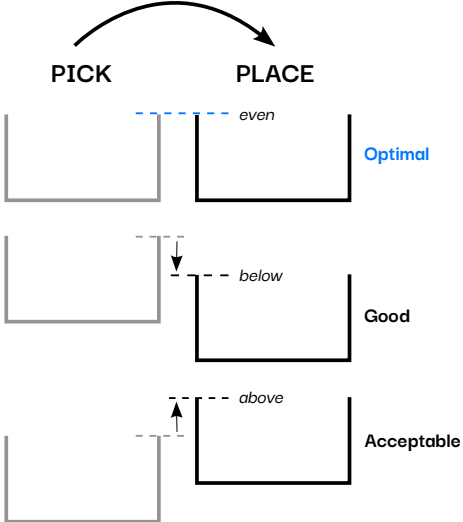
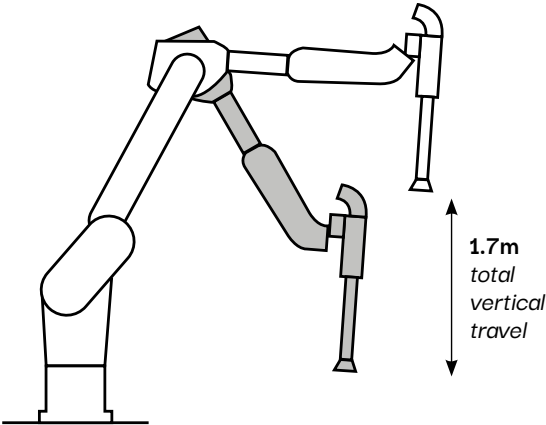
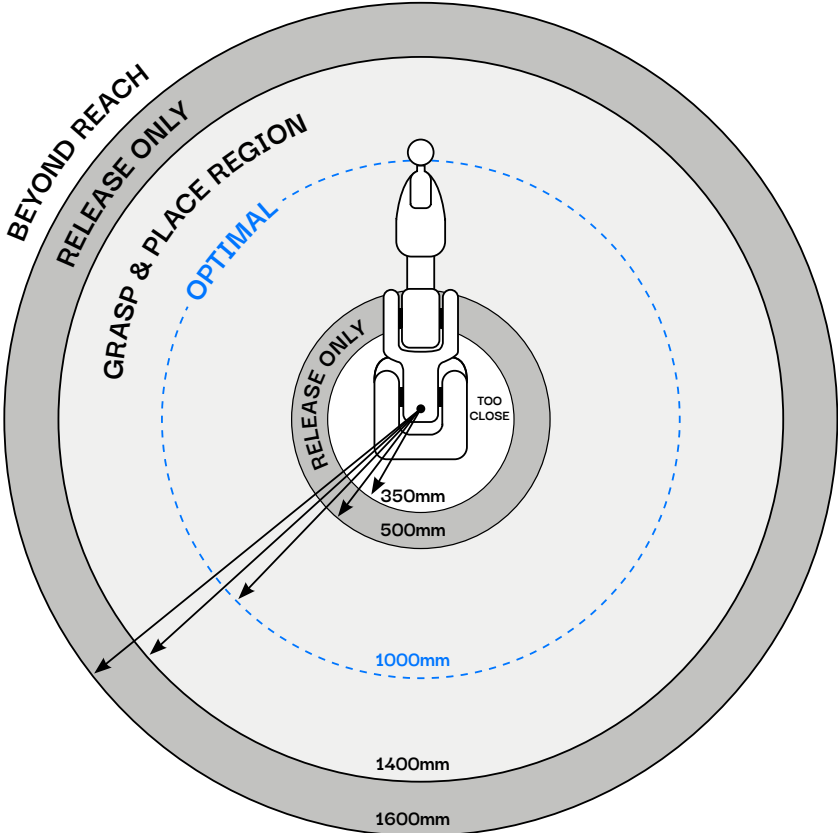


Maximum Picking Throughput	650 PPH Pick & Release 450 PPH Pick & Pack
Minimum Item Picking Cycle Time	5 seconds
Item Eligibility	95% coverage across apparel, grocery, general merchandise, industrial, pharma Maximum weight: 6 kg
Inbound Container Subdivisions	Up to 16
Outbound Container Type	Plastic tote and corrugate box; AMRs, conveyors, chutes
Outbound Container Subdivisions	2, 4
Maximum Packing Fullness	Up to 80% typical; varies with item size
Picking Accuracy	99+%
Acceptable Items	- Securely closed bags, boxes, bottles, blister packs, clamshells, envelopes, tubes - Cardboard or other boxes that are taped closed, have interlocking tabs or otherwise secured lids - Securely grouped multipacks of the above - Grooved and uneven surface items - Porous items
Unacceptable Items	- Fragile glass items (e.g., candles, unless reasonably packaged against damage) - Items with exposed wires or hooks - Sharp, dangerous, or hazardous items - Nestable items - Thin unbagged apparel - Aerosols - Loose fastener



Floor Requirements	Max point loads during operation (robot arm): 2500 N (distributed over 0,020 m2) Max point load during emergency stop: 5700 N (distributed over 0,020 m2)
Average Weight Distribution	100 kg/m ²
Storage Temperature	-25°C to +55°C
Operating Temperature	+2°C to +40°C
Operating Humidity	40-90% non-condensing
Noise Level	70 dBA at 3m
Power Requirements (robot arm & vacuum unit)	380-415VAC, 25A, 3PH, 3P+N+PE, 50/60Hz or 200-240VAC, 40A, 3PH, 3P+N+PE, 50/60Hz
Power Consumption	Idle: 0.6 kW Average active: 4.3 kW Peak: 6.6 kW
Electrical Power Feed	Hardwired
Bandwidth Requirements	20 Mbps symmetric bandwidth in dedicated WAN circuit, up to 5 Core systems; not real time production requirement
BG VPN Access	IPSEC tunnel with BG equipment (over dedicated WAN circuit)
Server Room Requirements (only required for 2 or more cells)	Space for Server Rack: L: 1,070mm x W: 600mm x H: 1,991mm; rack and server(s) provided by Berkshire Grey Server Power Requirements: 200-240 VAC, 15A, 1PH, 50/60Hz; UPS back up
Physical Network Connections	Wired connection from server to cell(s), customer provided: Cat 6A copper acceptable for distances <50m Single mode fiber with LC connector required for distances >50m Intermediate Distribution Frame (IDF) available Physical network design depends on site layout; to be reviewed jointly with customer
WMS/WES Connection	Two (2) 1000 BaseT uplinks to customer network Two (2) IP addresses on customer network for WMS/WES communications
Host System Integration	API standard; other integrations available
Compliance	ANSI B11.19, ANSI B11.20, ANSI/ASME B20.1, ANSI/ASSE Z244.1, ANSI/RIA 15.06, NFPA70 and NFPA 70E, NFPA 79, OSHA 29 CFR 1910, UL-508A, ISO 10218-1:2011, ISO 10218-2:2011, ISO 12100:2010, ISO 13850:2015, ISO 13855, ISO 14118:2018, ISO 14119:2013, ISO 14120:2015, ISO 13732-1:2008, ISO 13849-1 & 2:2015, EN 60204-1:2018, JIS B 9960-1:2019, JIS C 8201-1:2020, EN 61439-2, IEC 60364, EN 61000-6-2, -3 & -4