

Binology SmartCity - is an automated system for the collection of municipal solid waste, operating by self-developed IoT platform with waste compacting and monitoring options, includes management and optimisation of recycling processes.



Powered by solar



Vandal resistant



Compacting up to 8 times







On-line monitoring



Built-in sensors



Advertising options

Title / Model	SMARTCITY BIN 120	SMARTCITY SEPARATION STATION 2	SMARTCITY SEPARATION STATION 3	SMARTCITY BIN INDOOR TV
				
Placement	outdoor			indoor
Waste level sensor, IoT controller		✓		✓
Foot pedal		✓		✓
Smoke detector		✓		✓
Tilt-kick sensor		✓		✓
Location tracker (GPS/GLONASS module)		✓		✓
Data link (GSM module)		✓		✓
IAQ-sensor (air quality sensor)		✓		✓
Weather station (temperature, humidity, pressure)		✓		-
Binology SmartCity Management 3-Year subscription		✓		✓
Cigarette receptacle (ashtray)		optional		optional
Pet waste bag dispenser		optional		-
Wrap advertising		optional		optional
Advertising side panels		optional		interactive
Advertising video displays (24/7)		-		2 x 43"
Remote ad-content management		-		optional
Wi-Fi hotspot		-		optional
Foot traffic counter		-		optional
Waste inlet dimensions		240x370 mm		240x370 mm
Waste compaction ratio (depends on waste type)		1:3 - 1:8		3:1 - 8:1
Waste compaction force		860 N		860 N
Internal handy wheelie bin volume (DIN EN 840)		120L		120L
Strong vandal proof body made from		galvanized steel		galvanized steel
Power supply		solar panel		AC 220V, 50 Hz
Battery		25 Ah		-
Power consumption		-		320W/h
Hybrid power supply		optional		-
Net weight	237 kg	330 kg	440 kg	261 kg
Height	1690 mm	1690 mm	1690 mm	1690 mm
Width	737 mm	1462 mm	2197 mm	737 mm
Depth	683 mm	683 mm	683 mm	683 mm
Depth with pedal	809 mm	809 mm	809 mm	809 mm
Standard warranty	3 years	3 years	3 years	3 years
Extended warranty	optional	optional	optional	optional
Certification	EAC, Rostest	EAC, Rostest	EAC, Rostest	EAC, Rostest

