

## Weight, size and compaction comparisons of the new and rebuilt roller machines in the Poweroll range.

Machine Type:	New BladeRunner	New Hand roll	New POW.5	New POW.5	New POW.5	New P.Club	New POW.12	New POW.15	New P.Excel	New P.County	Re-built S&P32 **	Re-built A-R 3	Re-built A-R 4
<b>Machine Specifications:</b>													
Pedestrian/Ride on:	Ride-on	Ped.	Ped.	Ped.	Ride-on	Ride-on	Ride-on	Ride-on	Ride-on	Ride-on	Ride-on	Ride-on	Ride-on
Roller configuration:	Tandem	Single	Single	Single	Tandem	Tandem	Tandem	Tandem	Tandem	Tandem	Tandem	Tandem	Tandem
Rolling width:	39"	30"	24"	30"	24"	36"	36"	48"	48"	48"	32"	36"	48"
Drum diameter (F+R)	-	20"	20"	20"	20"	20"	20"	20"	24"	30"	27"	24"	24"
Overall length - mm	1065	-	1120	1120	1650	2120	2380	2380	2380	2750	2500	-	2470
Overall width - mm	1190	860	770	915	770	1110	1110	1415	1480	1575	1140	-	1495
Overall height - mm	1000	-	1120	1120	1370	1370	1450	1450	1350	1400	1470	-	1400
WBV's daily time limit	>24	-	>24	>24	>24	>24	>24	>24	>24	>24	exempt	exempt	exempt
Honda petrol engine type	GX160	-	GX120	GX120	GX160	GX160	GX270/340	GX340	-	n/a	GX160	GX200	GX390
Kubota diesel engine type	-	-	-	-	-	-	-	-	Z602	D722	-	-	-
Hatz diesel engine type	-	-	-	-	-	-	1B40	1B40	-	-	-	-	1B40
Recoil (R) / Key (K) start	-	-	R	R	R	R/K	R/K	R/K	K	K	R/K	R/K	K
Max. speed (mph)	12	-	8	8	8	5	6	6	8	9	4	3	5
Steering: Manual/Power	M	-	M	M	M	M	M/P	P	P	P	M	M	M/P
Net weight (kg)	230	185	285	340	420	790	920	1200	1500	2050	940	1050	1540
Gross weight (kg)	330*	303	380	455	700*	1610	1800	2400	2500	3300	1520	1350	1950
Min. ground pressure (kg)	71	92	142	136	107	131	152	150	187	256	176	175	192
Max. ground pressure (kg)	71	150	190	182	175	268	300	300	325	412	285	225	244

Vibration ratings (WBV) are recorded with the machines at net weight. Ballasting will improve figures due to greater mass. Hand arm figures only for pedestrian model 5. Figures indicate maximum hour's usage per day when operated at typical ground rolling speeds and all have capability to be used by 1 operator more than 24 hours per day, when operated correctly. Specific values are available on request. Poweroll rollers are designed to produce similar ground pressure on the front and rear ground contact area when ballasted. Ground pressure for the compilation of this chart is calculated as kilograms per foot (12inch) width of roller. Example Club = 1,610kg Gross weight. Having a 3ft rolling width on the front and back drums. This divides into 6ft of roller in contact with the ground 1,610kg / 6ft = 268kg per foot width of roller.

\*Includes estimated allowance of 100kg for operator for even compaction. These machines being lighter, the operators own weight contributes a large percentage to the overall mass. All other models exclude operators own weight but adds approximately 10kg per foot width to net and gross figure. \*\*With reference to rebuilt S&P32. Net weight excludes all extra ballast options. Gross weight includes all ballast options. Steering would be heavy to operate if all options are taken.

Please be aware that all diesel engine variants have a key start as standard.

For any other information please phone.

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