

3-2 Section 3  
Description

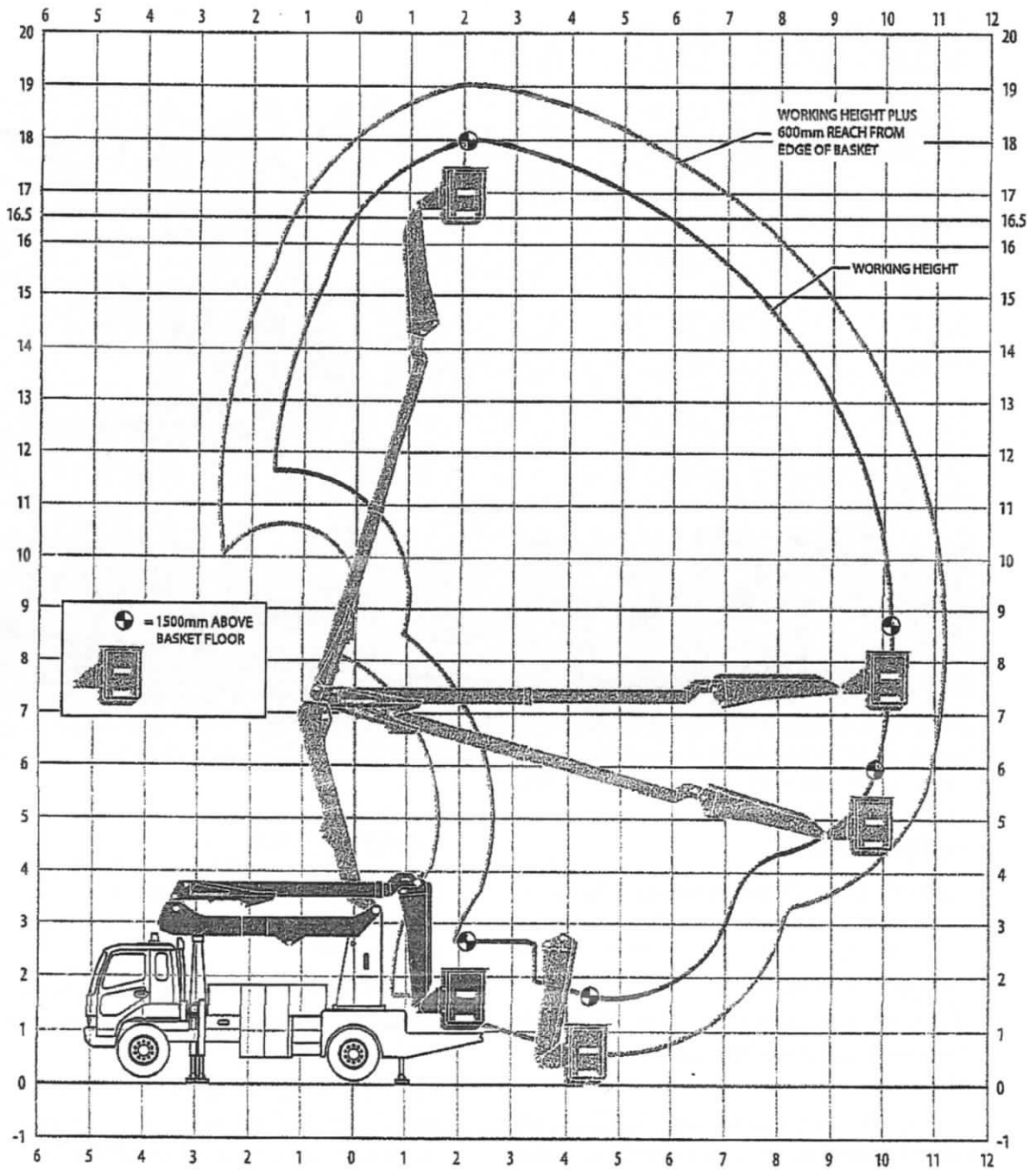


Figure 3.2 – Sherrin Equipment 18GB EWP working envelope

### Radio remote specifications

<b>Transmitter</b>	
Frequency range	433.100 to 434.6875 MHz
Radio channels	64
Channel spacing	25 kHz
Modulation	GFSK
Transmitting power	<10 mW
Protection	IP65
Battery	7.2 V 1300 mAh NiMH
Operating time	8 to 10 hours
Battery warning time	Pre-warning: 15 min (approx) Warning: 3 min (approx)
Weight (with battery)	<2 kg
Dimensions	236 x 160 x 173 mm
<b>Receiver</b>	
Hamming distance	≥ 8
Probability of non-recognition of error	<10 <sup>-11</sup> typical
Working range	150 m typical
Temperature range	-20 to +70°C
Passive emergency time (signal loss)	500 ms
Response time	70 ms typical
Sensitivity	0.5 µV (20 dB SINAD)
Dimensions	180 x 230 x 95 mm
Protection	IP65
Weight	2.8 kg

### Function Speeds

<b>FUNCTION</b>	<b>TIME</b>
Lower boom up	25 – 30 seconds
Lower boom down	20 – 25 seconds
Upper boom up	35 – 40 seconds
Upper boom down	20 – 30 seconds
Fly jib up	25 – 30 seconds
Fly jib down	20 – 25 seconds
Tele boom out	20 – 25 seconds
Tele boom in	25 – 30 seconds
Slew left	85 – 95 seconds
Slew right	85 – 95 seconds