



MC-Mobile Excavator Manual Measurements

Manual Measurement Lists

Manual measurements of several machine points is required prior to geometry calibration which will be entered into the calibration application

BUCKET	Length	BOOM	Length	SWING BOOM	Length	BODY	Length
Bucket Pivot Y Offset		Boom Pivot Height		Boom Pivot Ahead		Body IMU Below	
Bucket width		Boom Length		Boom Pivot Right		Body IMU Behind	
Bucket length		Boom Pivot Behind		Swing Boom TS-i4 SN		Body IMU Left	
Bucket Base length		Boom Pivot Above				Body TS-i4 Serial Nos	
Bucket Radius		Boom TS-i4 SN					
Bucket TS-i4 SN							
STICK	Length						
Stick Joint Y Offset							
Stick TS-i4 SN							

Measure Bucket Dimensions

Bucket Pivot Y Offset

- Measure from the outermost surface of the Bucket Pivot Pin to the centerline of Boom

BUCKET	Length
Bucket Pivot Y Offset	
Bucket width	
Bucket length	
Bucket Base length	
Bucket Radius	
Bucket TS-i4 SN	



Measure Bucket Dimensions

Bucket Width

- Bucket Width is the distance from tip to tip along the edge of a smooth edge bucket, or outer tooth edge to outer tooth edge on a tooth bucket

BUCKET	Length
Bucket Pivot Y Offset	
Bucket width	
Bucket length	
Bucket Base length	
Bucket Radius	
Bucket TS-i4 SN	



Measure Bucket Dimensions

Bucket length

- Bucket length is the distance from the cutting edge directly to the bucket pivot pin

BUCKET	Length
Bucket Pivot Y Offset	
Bucket width	
Bucket length	
Bucket Base length	
Bucket Radius	
Bucket TS-i4 SN	

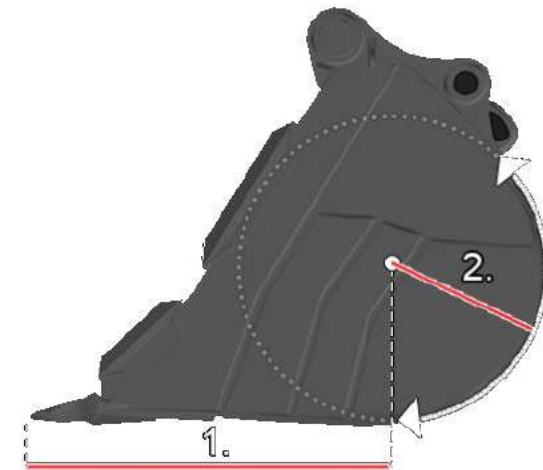


Measure Bucket Dimensions

Bucket Base length

- Bucket length is the distance from the cutting edge to appoint directly below the center of bucket curve

BUCKET	Length
Bucket Pivot Y Offset	
Bucket width	
Bucket length	
Bucket Base length	
Bucket Radius	
Bucket TS-i4 SN	



Measure Bucket Dimensions

Bucket Base Radius

- Bucket Base Radius is the distance from the center of bucket curve out to the curved edge of the bucket

BUCKET	Length
Bucket Pivot Y Offset	
Bucket width	
Bucket length	
Bucket Base length	
Bucket Radius	
Bucket TS-i4 SN	

