

**MICHI**

**SKYMASTER**  
**SN15B**  
**B**

**WITH IMPROVED SAFETY AND  
MANEUVERABILITY, EQUIPPED  
WITH CAPABILITY FOR NEW  
TECHNOLOGY.**

***FOR CONTRIBUTION OF YOUR  
SATISFIED WORK ENVIRONMENT...***



## CENTRALIZED LOWER CONTROL SYSTEM

The function of Jack operation, Lower operation device and AMCS Monitor are available at the centralized lower control system.

It's easier to access to each devices from ground position.



### Joy stick controller with Enable switch

Joy Stick will supply you a high efficiency and operability.  
Multiple operations, like Elevating + Extending of the boom can be accessed by one hand. In addition Enable Function prevents a accident by mis-operation.



### Upper Control Device



"Arm Operation" and "Swing Operation" apply for "Solenoid proposal control device".  
Improved operational environment.

### Bucket Slide & Operation System



Bucket loading capacity is 200kg, the swing controlled by hydraulic system.

Bucket moves to raise and lower vertically by 500mm.

### Hydraulic Winch

Hydraulic winch can operate hoisting, rotateting and elevating by each isolated lever.



## SAFETY DEVICES

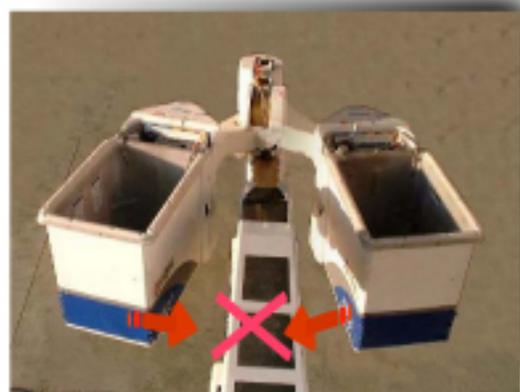
### BUCKET AUTOMATIC STORAGE INTERLOCK SYSTEM



Jack Operation is available when the bucket is stowed on the correct position.



### BOOM-BUCKET INTERFERENCE AVOIDANCE SYSTEM



Bucket-Boom Interference Avoidance System prevents collision boom and bucket.



## OPTIONAL DEVICES

### HYDRAULIC BOOSTER

Balloon operation type



Operation device connector



## OPTIONAL SAFETY DEVICES

### CONTROL BOX ILLUMINATION



The Control Box Illumination can supply for both Upper and Lower to light up the control panel in the dark.

### FRP TOOL BOX



The FRP tool box is for hanging on the edge of the Bucket.  
Inner dimension :  
Approx.495 x 220 x 300(mm)

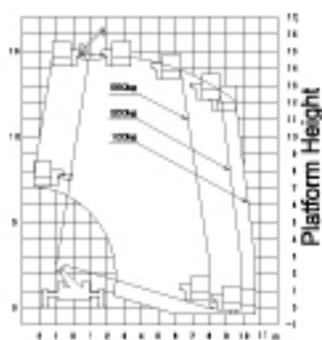
### JACK MARKER LAMP



The Jack Marker Lamp is installed on each jack and goes on when the boom is stowed on the boom rest and blinks when the boom is raised from the boom rest

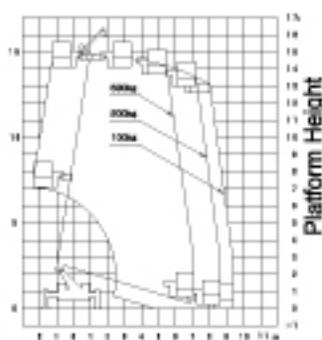
**Work Range Diagram**

Outriggers Width (Max)  
3300~3350mm



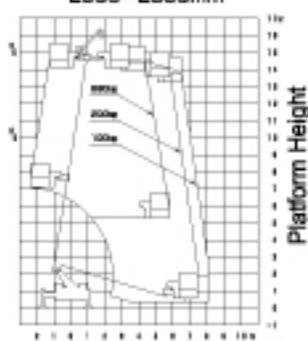
Working Radius

Outriggers Width (Mid 2)  
2800~3300mm



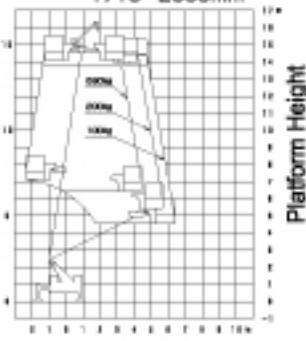
Working Radius

Outriggers Width (Mid 1)  
2300~2800mm



Working Radius

Outriggers Width (Min)  
1710~2300mm



Working Radius

<b>MODEL</b>	SN15B
<b>LIVE LINE WORK APPARATUS</b>	Between bucket liner & ground with 3 <sup>rd</sup> Boom extend by 0.5m for 35 kv line voltage
<b>LIVE VOLTAGE</b>	35kv
<b>BUCKET</b>	
<b>RATED LOAD</b>	200kg or two persons
<b>MAX. FLOOR HEIGHT</b>	14.6m (Including 0.5m bucket Slide)
<b>MAX. OUTREACH</b>	10.7m with outrigger fully extended and the bucket load with 100kg.
<b>MATERIAL</b>	FRP
<b>WITHSTAND VOLTAGE</b>	20kv/5min.
<b>INNER DIMENSION</b>	0.73 x 1.05 x 0.9 (m) / (L x W x H)
<b>BUCKET SWING</b>	L:120 deg, R:120 deg.
<b>ARM LENGTH</b>	850mm
<b>ROTATION ANGLE</b>	L:125 deg, R:125deg.
<b>BUCKET LINER</b>	
<b>MATERIAL</b>	Polyethylene
<b>WITHSTAND VOLTAGE</b>	20kv/5min.
<b>INNER DIMENSION</b>	0.68 x 1.01 x 0.9(m) / (L x W x H)
<b>WINCH &amp; SUB-BOOM</b>	
<b>HOISTING CAPACITY</b>	490kg
<b>HOISTING HEIGHT</b>	16.2 m (Elevation Angle: 60 deg.)
<b>ROPE SPEED</b>	35m / min.
<b>SUB BOOM MATERIAL</b>	FRP
<b>BOOM</b>	
<b>THE 3<sup>rd</sup> BOOM MATERIAL</b>	FRP
<b>THE 3<sup>rd</sup> BOOM INSULATION</b>	100kv/min.
<b>LENGTH</b>	5.265 - 12.465(m)
<b>EXTENSION SPEED</b>	7.20m/33s(Up), 7.20m/25s(Down)
<b>ELEVATION ANGLE</b>	-16.5~81deg.
<b>ELEVATION SPEED</b>	-16.5~81deg./35s (Up) -16.5~81deg./30s (Down)
<b>ROTATION ANGLE</b>	360 degrees continuous
<b>ROTATION SPEED</b>	1.2rpm
<b>OUTRIGGER</b>	
<b>Outrigger Width</b>	1.71~3.35m
<b>SAFETY DEVICES:</b>	
Hydraulic Safety Devices (Relief valve, Pilot check valves on jack cylinders, Holding valves on Elevation and Extension cylinders, Bucket leveling system), Emergency Stop Switch, AMCS, AMCS monitor, Jack-boom interlock system, Pre-programmed cabin and toolbox avoidance system, Anchor for safety belt, Starting check-up switch, Joy Stick Lever with Enable function, Bucket stowage interlock, Bucket-Boom interference avoidance system	
<b>OTHER DEVICES:</b>	
Hyd.sub-boom, Slide Bucket, Upper Hydraulic Outlet, Earth Reel, Upper Battery Charging Device, Level Gage, Cone Bracket, Liner Protector, Engine Start-Stop Switch, Boom bucket automatic stowage system	
<b>STANDARD ACCESSORIES:</b>	
Jack Base (4pcs), Wheel Chock (4pcs), Working light,(1pc), Bucket Cover, Winch Cover, Standard-Tool set (1set)	
<b>SPECIAL OPTIONS:</b>	
Upper Booster, Control Panel Illumination, FRP tool-box	