

AT-185CG AERIAL PLATFORM

AERIAL PLATFORM SPECIFICATIONS

MAXIMUM BUCKET LOADING CAPACITY

200kg or 2 persons

MAXIMUM BUCKET BOTTOM HEIGHT

18.5m

INSIDE DIMENSIONS OF BUCKET

1.2m × 0.7m × 0.95m (Length × Width × Height)

BOOM ELEVATION ANGLE

-13° ~ 80°

BOOM ELEVATION SPEED

-13° ~ 80° / 35s

BOOM LENGTH

6.35m ~ 15.03m (telescoping) +3.0m (articulating)

BOOM EXTENSION SPEED

8.68m / 70s

BOOM ARTICULATION SPEED

160° / 35s (in straightening direction)

SWING ANGLE

360° continue

SWING SPEED

1.0rpm

BUCKET

Bucket

Steel-plate

Automatic leveling system

Vertically-coupled double acting hydraulic cylinder
and chain system

Swing device

Manual (left: 45° ~ right: 45°)

BOOM

3-section hydraulic synchronized telescoping and 1-section
hydraulic articulating boom

Welded structure with box type cross section

BOOM ELEVATION

Double acting hydraulic cylinder direct pushing system

BOOM EXTENSION

Double acting hydraulic cylinder direct pushing and wire rope
system

BOOM ARTICULATION DEVICE

Double acting hydraulic cylinder push-up link system

SWING

Hydraulic motor driven via worm reduction gear

Ball bearing type

BUCKET REMOTE CONTROL DEVICE

Electric type (wired)

OUTRIGGERS

Fully hydraulic H-type

Welded structure with box type cross section

Slides - jacks each provided with independent operation
device.

Full extended width 3.5m

HYDRAULIC PUMPS

2 gear pumps

HYDRAULIC OIL TANK CAPACITY

Approx. 55 liters

OPERATION DEVICE

Bucket

Swing, boom elevation, boom telescoping, boom
articulation, engine start-stop, acceleration,
emergency stop, emergency pump, power supply (for
bucket operation)

[Automatic working area limiter monitor, emergency
stop monitor]

Swing frame

Swing, boom elevation, boom telescoping, boom
articulation, Bucket leveling, acceleration, automatic
working area limiter (AWL) check, emergency switch,
emergency pump, emergency stop

Outrigger

Outrigger extension/retraction, outrigger selection,
acceleration

SAFETY DEVICES

Automatic working area limiter (AWL)

Emergency pump

Emergency stop device (with indication lamp)

Foot switch (bucket)

Boom interlock device

Jack interlock device

Jack indicator

Hydraulic safety valve

Hydraulic cylinder lock device

Level gauge

EQUIPMENTS

Power supply intake line (rating: 100V - 10A)

Work lamp (lower)

STANDARD ACCESSORIES

Wood blocks

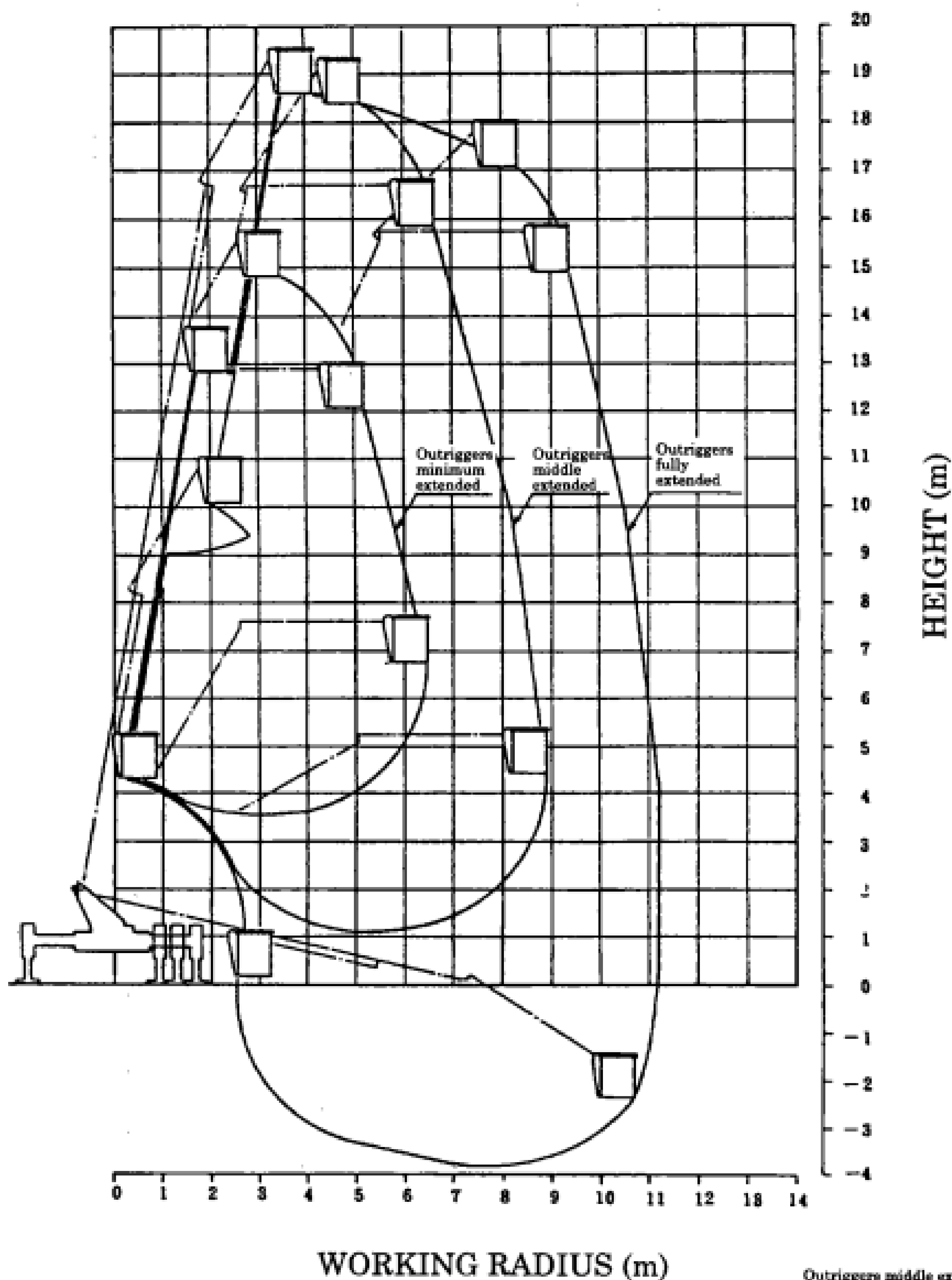
Chocks

Tools

Grease pump

WORKING RANGES

Maximum bucket loading capacity: 200kg



NOTES:

1. The working range is based on the condition that the outriggers are installed on firm and level surface.
2. The above figure indicates the working range to the sides. The working ranges toward the front and rear are the same as the working range when the outrigger is fully extended.
3. The deflection of the boom is not incorporated in the above figure.

