## SUMITOMO



- There are times when we may change the content of the catalogue without warning - There are times when printed photographs may difter from the retailers actual specifications
- Photographs shown above have been taken in poses for use in this catalogue. When exting machinery, please ensure that operational equipment is always grounded, and that every

 operator's course) is reauired to operate construction machinery in excess of 3 tons $\bullet$ Operation of specified cranes requires completion of a vehicle type construction machinery
skilled operator's course, or completion of a small size mobile crane skilled operator's course

CONSTRUCTION MACHINERY
MANUFACTURING CO., LTD.

5Н135x
MINIMUM SWING RADIUS

## MADE IN JAPAN

The world knows that Japanese design and manufacturing is the best especially for industrial products. The hydraulic excavator is not the exception when a total integration concept is required in design work involving key components, manufacturing engineering and product quality assurance in the factory.
All SUMITOMO hydraulic excavators are engineered and assembled in SUMITOMO's its one and only factory located in Chiba City, Japan, and distributed to each country in the world. This distinctive feature is unique to SUMITOMO, giving the SUMITOMO machine users total comfort and reliance on product quality.
(Note: Some of the items manufactured and sourced in other countries may be assembled in Japan.)


GH1ㅍN

## Minimum Swing Radius

In addition to boasting top-class compact rotational capability for cramped areas, outstanding stability,
In addition to boasting top-class compact rotational capability
and powerful digging and drive strength have been realized.
and powerful digging and drive strength have been realized.
On various kinds of work-sites it can always be trusted to perform and maneuver exactly as the operator intends.


## Maintenance

Diverse innovations designed to reduce running costs and make maintenance easy.
Inverse innovations designed to reduce running costs and make maintenance easy.
In terms of cost and labor, you will really come to appreciate its efficiency the longer you use it.


## Ground Level Access

Various parts of the excavator can now be cleaned and changed from ground level without climbing onto the body of the vehicle. Maintenance is no longer troublesome.


Double element air cleane
(2) Fuel coole
(3) Condenser
(4) Battery (maintenance free)
(0) Reserve tank


OFuel, filter remote
Thanks to the installation of a fuel pre-filter as standard, breakdowns caused by fuel
blockages are reduced. In addition, becaus blockages are reduced. In addalition, becaus
the fuel filiter is instaled in aposito that
can be accessed trom ground level, can be accessed from ground leve
replacing it is made simple.
(1) Fuel pre-filer (with water separator) (2) Fuel filter (with water separator)

Ease of cleaning around


Bucket
A one piece wear plate covers the weldment area to increase
Crosss section
Protection of weld bottom plate and flaterening of botto plate by changing th


## High-Performance Return Filter

The hydraulic oil change interval is 5,000 hours, and the return filter change interval is 2,000 hours. One high performance return filter keep OHydraulic • oil change : 5,000 hours
OLife of filter : 2,000 hours

EMS (Easy Maintenance System) as Standard
sumiromo
SUMITOMO's new improved EMS keeps the pins and bushes fully lubricated at all times and prevents rattling. This system significantly extend the service life of the pins and bushes.

The interval of greasing around the bucket is 250 hours, and the interval for the othe
sections is 1,000 hours, keeping the ioints lubricated for a long time and extendine the service life of parts by reducing abrasion and rattling.



Bucket greasing interval : 250 Greasing interval for other sections: 1,000 hours The grasing in for other sections :

 (3the surace of the pin is plated to increase the surface hardness and to inprove the wear
resistance accordingly.

## Precautionary use of EMS

Drease is enclosed, hews



## Operator Comfort and Safety

How safely, and in what level of comfort can the driver carry out daily operations?
How safely, and in what level of comfort can the driver carry out daily operations?
We have extended every possible care and attention to ensure that both safety and comfort are provided.


- Comfortable and spacious cab


Full operation-console slide adjustment (Reclining seat)


Gate-type lock lever on the operation lever to prevent operational errors


Employment of fluid-mount suspension to reduce fatigue Impacts and vibrations on the cab are
effectively absorbed, providing a pleasant and
comfortabale ride, as well as reducing noise comfortable ride, as well as reducing noise
levels inside the cab. Operator fatigue is levels insi
reduced.


Large hand rail on front right side



## Lifting Capacity

| ARM : STD ARM SHOE: 500G BUCKET: 0.50BUCKET |  |  |  |  | ARM LENGTH $=2.39(\mathrm{~m})$ MAXIMUM REACH $=7.12$ ( m ) TIPPING CAPACITY (MARK:)HYDRAULIC CAPACITY (MARK: HYDRAULIC CAPACITY (MA |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Radius of Load |  |  |  |  |  |  |  |  |  |
|  | Max.Radius |  | 7 m | 6 m | $\frac{5 m}{2460^{\circ}}$ | ${ }_{3160}{ }^{4}$ | 3 m | 2 m | Min.Radius |  |
| We | ${ }^{1920^{*}}$ | 5.33 |  |  |  |  |  |  | ${ }^{3260^{\circ}}$ | ${ }^{3.5}$ |
| ws | ${ }^{1920}$ | 5.33 |  |  | $2460^{\circ}$ | $3160^{\circ}$ |  |  | ${ }^{3260^{\circ}}$ | ${ }^{3.5}$ |
| 5 me | $1470^{\circ}$ | 6.19 |  | ${ }^{1970}$ | $3210^{*}$ | ${ }^{3540^{*}}$ |  |  | ${ }_{3520^{*}}$ | 3.24 |
| ws | $1470^{\circ}$ | 6.19 |  | $1970^{\circ}$ | 2940 | $3540^{\circ}$ |  |  | ${ }^{352} 0^{\circ}$ | 3.24 |
| we | $1460^{\circ}$ | 6.66 |  | 2830 | 3870 | $4330^{\circ}$ | $4410^{\circ}$ |  | $4280^{\circ}$ | , |
| ws | $1460^{\circ}$ | 6.66 |  | 2090 | 2860 | 4150 | ${ }^{4410^{\circ}}$ |  | $4280^{\circ}$ | 2.41 |
| we | 1500 | 6.96 |  | 2760 | 3740 | $5300^{\circ}$ | 6750. | 10210* | 9580. | 1.63 |
| ${ }^{3 m}$ ws | 1500 | 6.96 |  | 2030 | 2750 | 3930 | 6300 | 10210* | 9580. | ${ }^{1.63}$ |
| we | $1580^{\circ}$ | 7.1 | $1990^{\circ}$ | 2880 | 3600 | 5180 | 8360. |  | ${ }^{3560^{\circ}}$ | 2.17 |
| ws | 1470 | 7.1 | 1510 | 1960 | 2610 | 3690 | 5760 |  | ${ }^{3660^{\circ}}$ | 2.17 |
| 1 We | ${ }^{1720^{\circ}}$ | 7.1 | 2030 | 2600 | 3460 | 4940 | 8130 |  | $2610^{\circ}$ | 2.16 |
| ${ }^{1 m}$ ws | 1430 | 7.1 | 1470 | 1880 | 2490 | 3470 | 5370 |  | $2610^{\circ}$ | 2.16 |
| we | 1930 | 6.95 |  | 2540 | 3360 | 4780 | 7900 | $3440^{\circ}$ | $3200^{\circ}$ | 1.64 |
| $\bigcirc$ ws | 1450 | 6.95 |  | 1820 | 2400 | 3330 | 5170 | $3440^{\circ}$ | $3200^{\circ}$ | 1.64 |
| we | 2140 | 6.65 |  | 2500 | 3300 | 4690 | 7820 | $5130^{\circ}$ | $4180^{\circ}$ | 1.39 |
| ws | 1540 | 6.65 |  | 1790 | 2340 | 3250 | 5110 | $5130^{\circ}$ | 3970. | 1.07 |
| We | 2390 | 6.18 |  | 2500 | 3280 | 4670 | 7830 | ${ }^{7000^{\circ}}$ | $5900{ }^{\circ}$ | 1.39 |
| ws | 1710 | 6.18 |  | 1780 | 2320 | 3230 | 5120 | $7000^{\circ}$ | 5560. | 1.07 |
| we | 2890 | 5.48 |  |  | 3310 | 4710 | 7000. | 9030. | $7810^{\circ}$ | 1.39 |
| ${ }^{3 m}$ ws | 2070 | 5.48 |  |  | 2350 | 3270 | 5180 | $9930^{\circ}$ | $7310^{\circ}$ | 1.07 |
| we | ${ }^{335}$ | 4.46 |  |  |  | ${ }^{393}{ }^{\circ}$ | 5070. | ${ }^{6240^{\circ}}$ | $6680^{\circ}$ | 1.65 |
| ws | 2880 | 4.46 |  |  |  | 3370 | 5070 | 6240. | 6680. | 1.65 |



Optional equipment
$\frac{\text { Optional equipm }}{\substack{\text { Quikc change Away (Kit) } \\ \text { Travel peodal }}}$


Working Range

## ■imension



## Working Range



Weight \& Ground pressure


## Bucket



 | Bucket type |
| :--- |
| No. of tooth |

| No. of tooth |
| :--- |
| Width | $\qquad$


$\qquad$ | 3 | 4 | 4 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 582 mm | 692 mm | 772 mm | 907 mm | 972 mm |
| 508 mm | 618 mm | 698 mm | 833 |  |
| 281 |  |  |  |  |

Weight


 $\frac{\text { SH1 }}{25 \mathrm{~S} \text {-3B }}$

| SH135X-3B |  |  |
| :---: | :---: | :---: |
| I widh | Operating weight | Ground pressure |
| 90mm | 14200kg | 46 kPa |
| 90mm | 14300kg | 39 KPa |
| 90 mm | 4600 kg | 34 kPa |

