



Bedienungsanleitung

CR-196-10E



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USER MANUAL

21 inch Gasoline Lawnmower

Self-propelled: HG53SMH-XP200

Gasoline Engine: ZONGSHEN-XP200, 196cc, OHV, Single Cylinder, 4 Strokes

CAUTION: Before any use read carefully the user manual which has been purposely drawn up to provide you with all the necessary information for proper use, in compliance with basic safety requirements.



Caution: Read carefully the manual before use.



Caution: Keep other people well away from the danger area.



Caution: Risk of hand and feet injuries.



Caution: Emission of toxic gas, do not use the mower in a close area or not well ventilated.



Caution: hot surfaces.



Caution: Before carrying out any operation stop the engine and disconnect the spark plug cap.



Caution: Never fill up the fuel tank while the engine is running.

IMPORTANT: Read with care the security requirements included in the engine manual before the first use of the engine.

SUMMARY:

- 1/ DESCRIPTION
- 2/ ASSEMBLY OF GRASS CATCHER/DEFLECTOR
- 3/ HANDLE ASSEMBLY
- 4/ SCHNELLAUFBAU
- 5/ ADJUSTMENT OF CUTTING HEIGHT
- 6/ SAFETY PRECAUTIONS
- 7/ OPERATION
- 8/ GEAR BOX
- 9/ SAFETY RULES
- 10/ MAINTENANCE
- 11/ EXPLODING VIEW
- 12/ WARRANTY

1-DESCRIPTION

- 1 Engine control bar
- 2 Self-propelled
- 3 Superior handle
- 4 Inferior handle
- 5 Engine
- 6 Deck
- 7 Tool box
- 8 Throttle control



Side-Closing Board

Side-discharge Grass-guiding Board

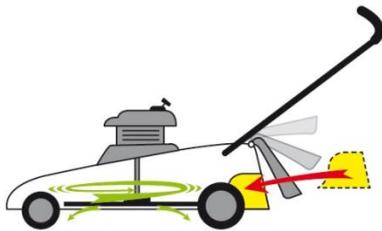


Mulcher Guard

2-4 IN 1 FUNCTION

Mulching:

Close the Side-Closing Board and insert the Mulcher Guard (Fig C)



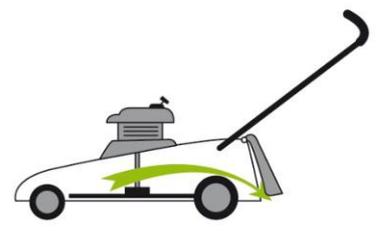
Rear discharge with grass collection:

Take out the Mulcher Guard (Fig C) and place the grass catcher at its place. fig B



Rear discharge without grass collection:

Take out the Mulcher Guard (Fig C) and close the Side-Closing Board.



Side discharge:

Take out the Mulcher Guard (Fig C) and Side-discharge Grass-guiding Board (Fig D)

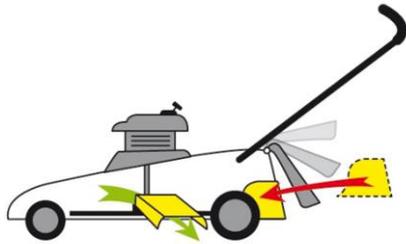
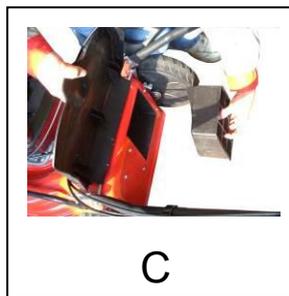
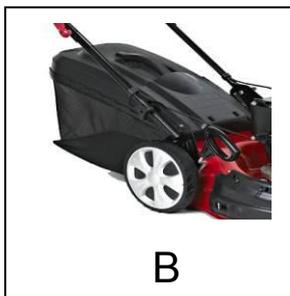


Fig Pictures



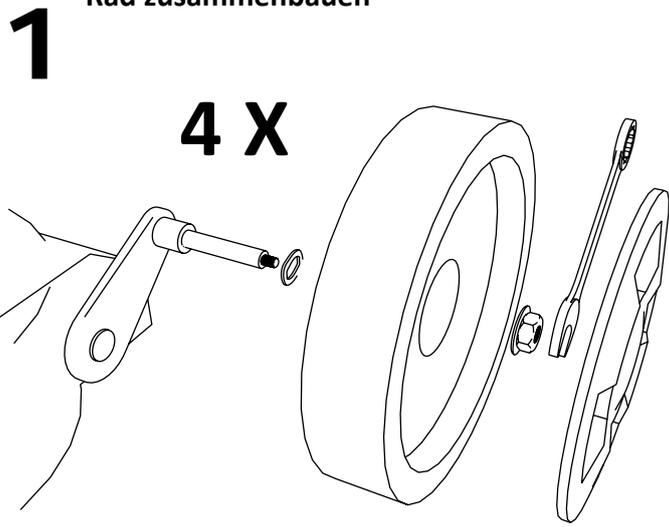
3-ASSEMBLY OF THE HANDLE

Open out the handle and screw the handles parts with the two screws and plastic nuts. Put the recoil starter on the right of the handle and fix the cable with the plastic collar.

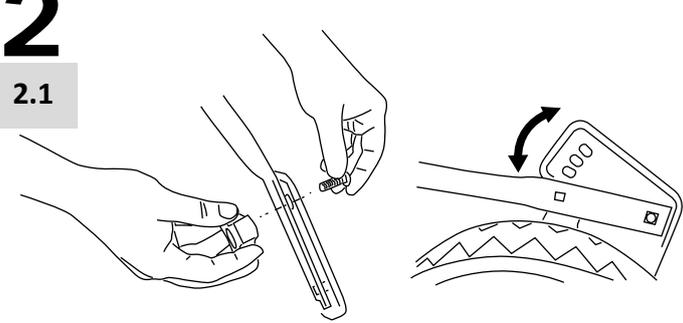
Introduce the rope of the recoil starter handle on its support guide rope.



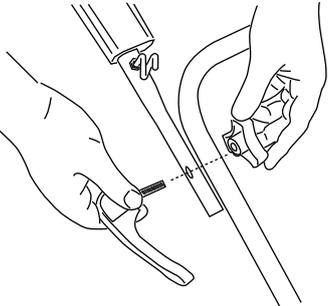
1 Rad zusammenbauen



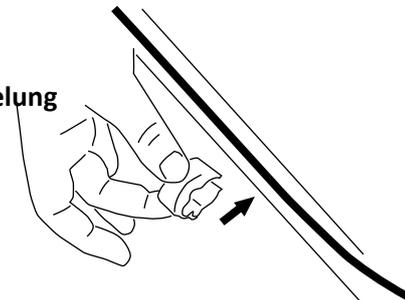
2 Installation der unteren Armlehne



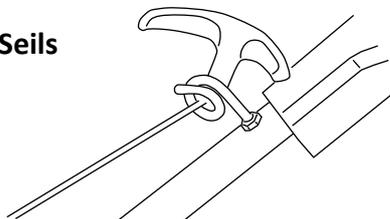
2.2
Fixierung der oberen Armlehne und der unteren Armlehne



2.3
Fixierung der Verkabelung

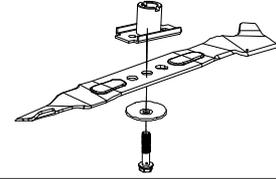
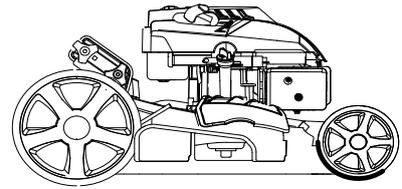


2.4
Einfädeln des Seils



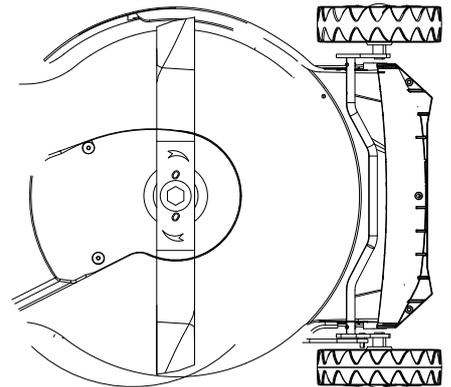
3 Klingensmontage

3.1

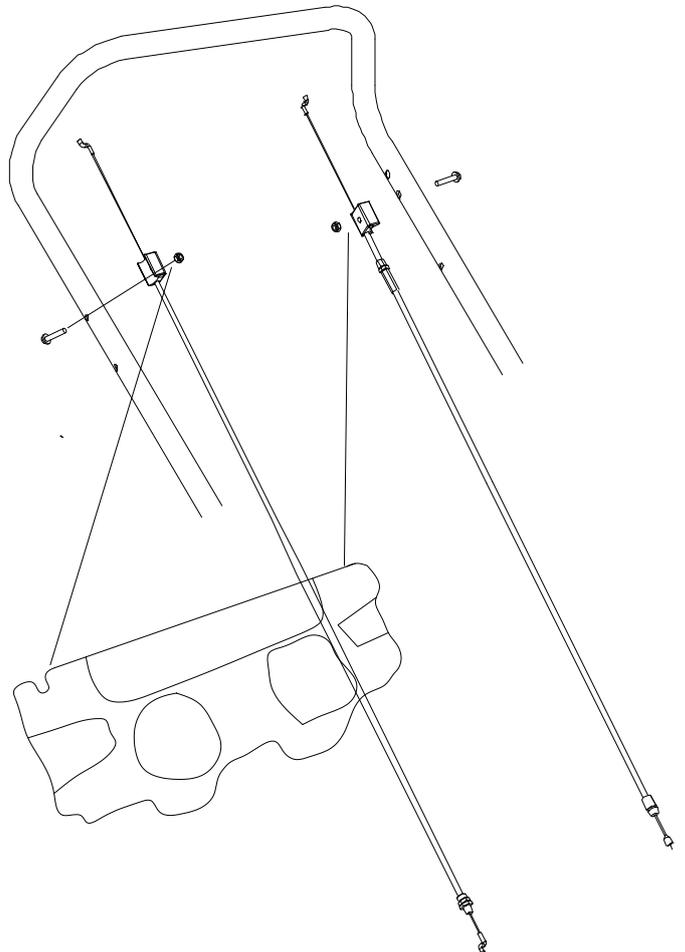


3.2

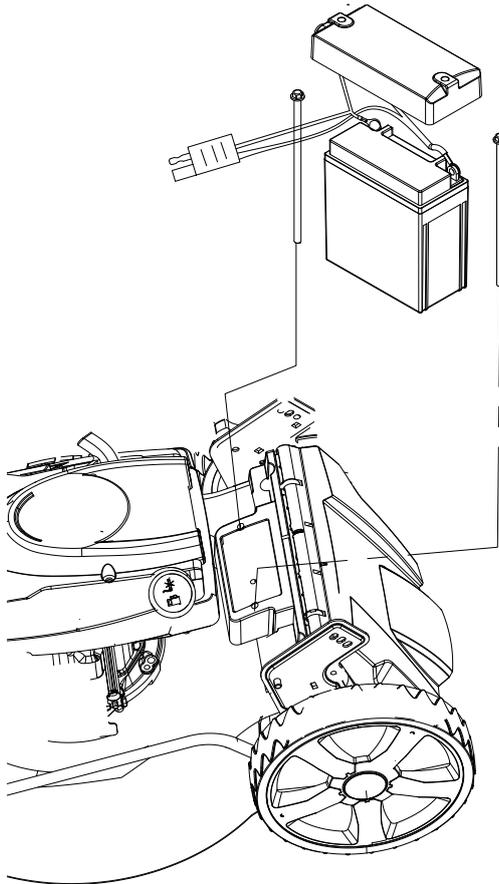
Die Schrauben der Klinge müssen mit über 40 Newton fest angezogen werden.



4 Installation der Handlaufverkleidung

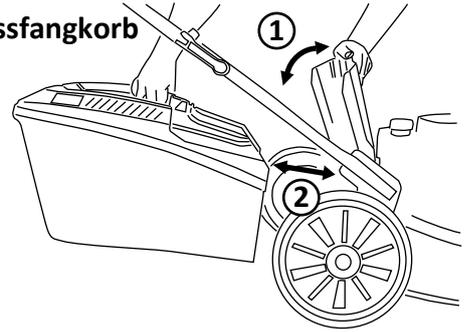


5 Batterieinstallation

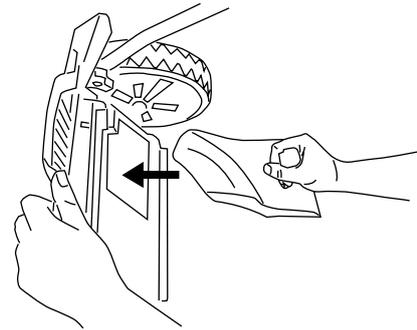


6 Montagezubehör

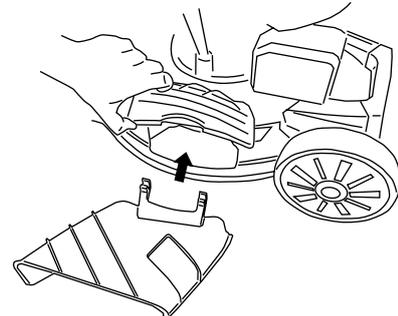
A Grassfangkorb



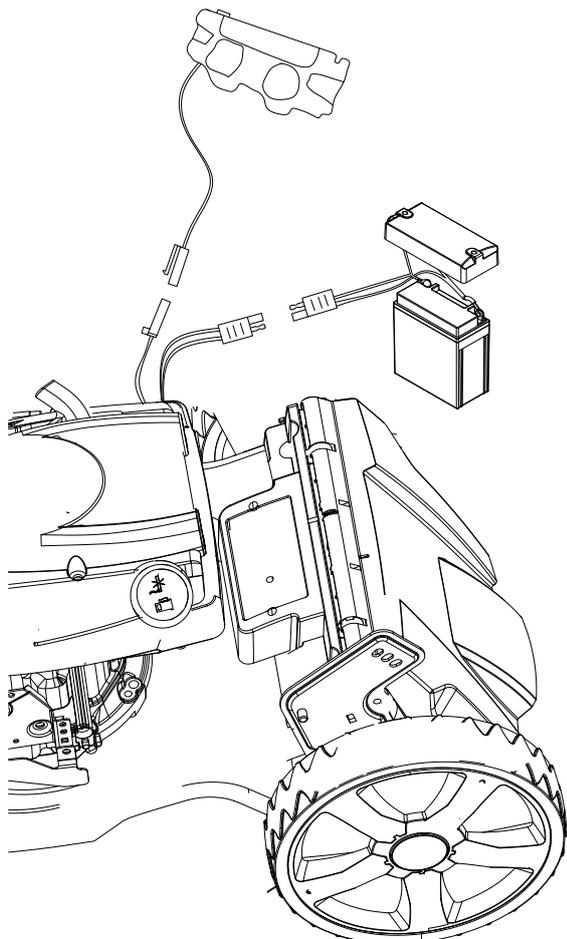
B Mulcheinsatz



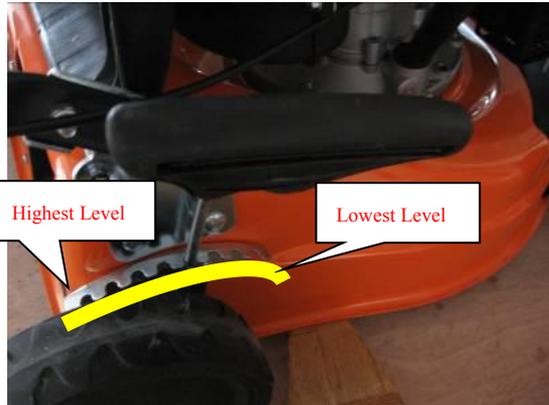
C Seitenauswurf



7 Kabelverbindung für Batterie und Netzschalter

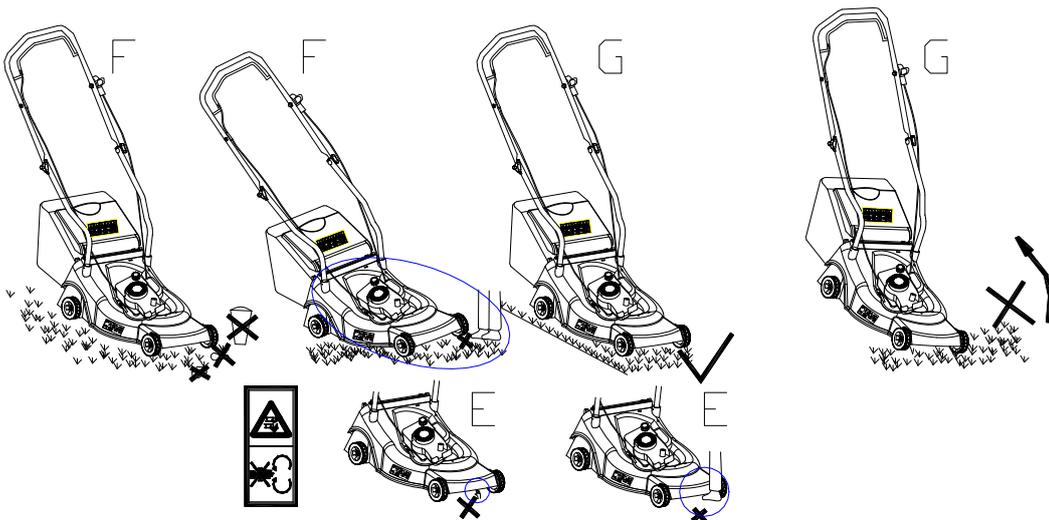


5-CUTTING HEIGHT AJUSTMENTS



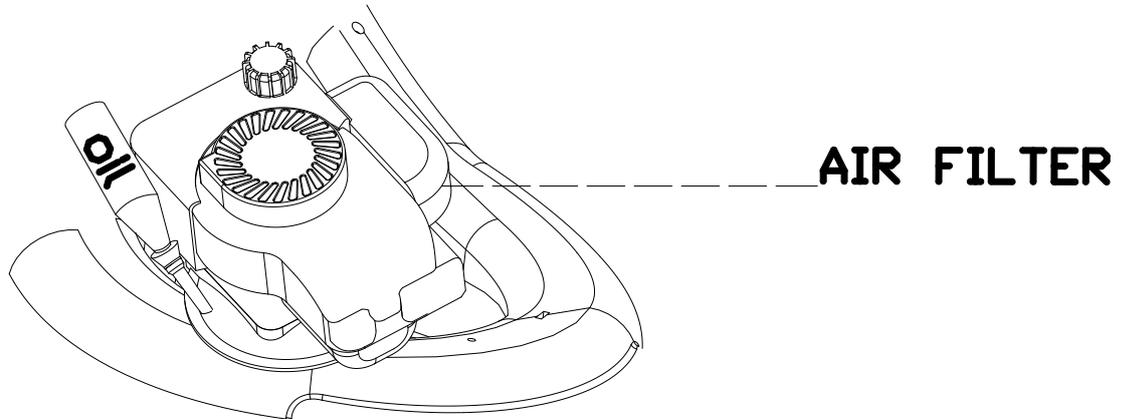
6-SAFETY PRECAUTIONS

- Always use the lawnmower with the grass catcher or/ and the deflector in position.
- Stop the engine before emptying the grass catcher or before you change the cutting height.
- While the engine is running, never introduce your hands or feet under the lawnmower or under the grass ejection area. fig E
- Before mowing, remove all foreign objects from the lawn, which maybe thrown by the machine. fig F
- Keep children and other people and domestic animals at a safe distance when the lawnmower is in use.
- Never lift the mower while starting the engine. fig G



7-OPERATION

Before using the machine you must read the Engine instruction book.



Engine delivered without oil: add 0.6liter of oil before starting the engine.

ENGINE STARTING:

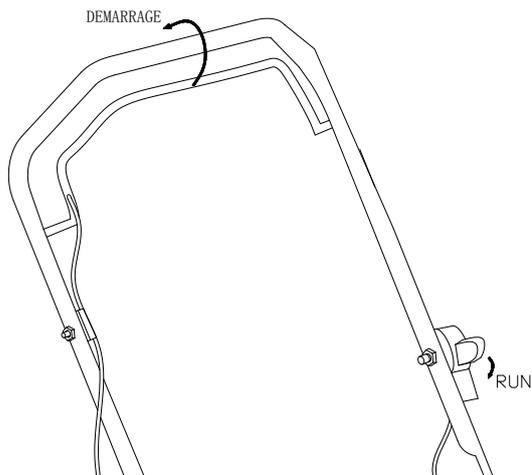
Once the machine has been set up properly, start the engine as follow:

- Put the lever on the **START** position or **START**.
- Take the flame out (N°3) and maintain it against the superior handle, pull on the recoil starter handle until you can feel resistance and then pull harshly.
- Put the lever on **RUN** position or **RUN**.

If the machine is equipped with electric start, press the "START" or "POWER" button or turn the key switch to the "start" position to use the electric start. Typically, electric start engines can also be pull started.

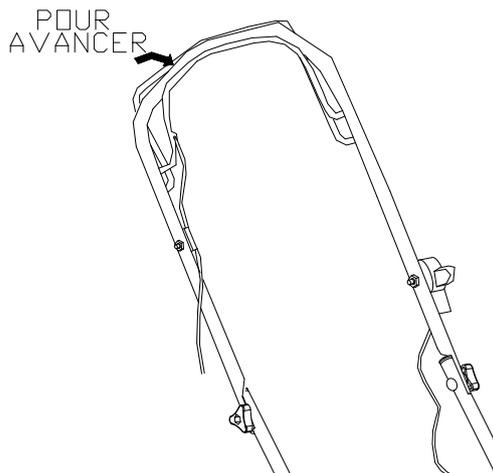


Blade is in action as soon as engine started. While the machine is working maintain the security handle (3) in working position. The engine will stop as soon as you release the engine control bar.



FOR THE SELF PROPELLED MOWER HG53SMH-XP200

To engage the self-propelled system, pull on the inferior lever of the handle and maintain it engaged together with the brake lever. fig H



8-GEAR BOX

Control frequently the self-propelled system. Polish the gear in the wheels and put grease on them. Do the same control on the ball bearing if any.

9-SECURITY MEASURES

General conditions of use.

1. This machine is to be used exclusively for cutting natural grass. Never use the mower for other purposes. Any other utilization can involve danger for your safety and can involve damage to the mower.
2. Persons under 16 years of age and persons who are not familiar with the user instructions must not use the mower.

3. The user is responsible of the safety of other people in the working area. Keep children and domestic animals at a safe distance while the mower is in use.
4. Before mowing, remove all foreign object from the lawn which may be thrown by the machine, stay alert for any foreign objects which may have been missed.

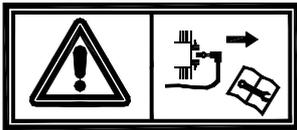
USING INSTRUCTIONS

1. Check that all nuts, bolts and screws are well tightened.
2. Before mowing place the grass catcher in its position.
3. Before mowing make sure that the blade and the blade fixing screw are securely fastened. When cutting edges require resharpening, this must be done evenly on both sides so as to prevent any imbalance. If the blade is damaged, it must be replace.
4. When mowing always wear a long trousers and strong footwear.
5. Do not run the engine in an enclosed and/or poorly ventilated area, where gas of the engine contains carbon monoxide, which are dangerous for your health.
6. Work only when there is sufficient light.
7. Do not use the lawnmower when it is raining or when the grass is wet.
8. Particular precautions must be taken while mowing on slopes or downing stretches. Mow across the face of slopes, never down or up.
9. Turn off the engine if you must leave the lawnmower unattended, displace the lawnmower or incline it.
10. Never lift the rear of the mower while starting the engine and never place your hands and feet underneath the deck or into the rear discharge chute while the engine is running.
11. **Never change in any way the rated speed of the engine.**
12. On the self-propelled mowers, disconnect the self-propelled system before starting the engine.
13. Never lift or carry the mower while the engine is running.
14. Stop the engine and remove the spark plug cover in these cases:
 - Before any operation under the deck or the grass rear discharge chute.
 - Before any maintenance, repairing or checking operations.
 - Before carrying, lifting or removing the mower.
 - If you leave the mower unattended or changing the cutting height.
 - To remove and emptying the grass catcher.
 - After hitting a foreign object, stop the engine and check thoroughly the mower in order to see if it is damage. Bring the mower in a agreed service station to do the repairing if necessary. **WARNING: After you stopped the engine the blade is still in motion during a few seconds.**
 - If the mower vibrates in an abnormal way, find the reasons why, and take your mower to an agreed service station.
 - Check regularly that bolts, nuts and screw are secularly tightening for a safe use of the mower.
15. **WARNING: GASOLINE IS HIGHLY INFLAMMABLE.**
 - Keep gasoline in a jerry can specially made for this purpose.
 - Fill up the tank with a funnel, do the operation outside. Do not smoke. Do not use mobile phone.
 - Fill up with gasoline and oil before starring the engine. Never open the cap of the fuel

tank to add gasoline while the engine is running or still hot.

- Do not start the engine if there is some gasoline spread around, take the mower away from the one where gasoline have been split and avoid any contact from a hot source as long as the split gasoline is completely evaporated.
- Tighten the fuel tank cap and close tightly the jerry can cap.

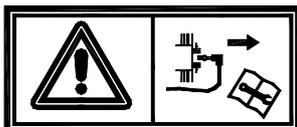
Maintenance and storage



WARNING: Stop the engine and unplug the spark plug before any repairing or maintenance operations

- Make sure that all nuts, bolts and screws are kept well tightened to keep the lawnmower in a safe operating condition.
- Never store the lawnmower with a tank with gasoline in an enclosed area where gasoline fumes could reach a strong heat source or a flame. Allow the engine to cool down before you store your lawnmower in any storage place.
- In order to reduce any risk of fire, clean the lawnmower and in particular the engine, the muffler, the fuel tank. Suppress all grass traces or leaves or excess of grease.
- Check frequently the condition of the deflector and the grass catcher, replace them if they are damaged.
- In case of drain oil of the tank before winter, do this operation outside.
- Wear thick gloves for the mounting and the sharpening of the blade. Be sure that the blade is always well balanced.

10-MAINTENANCE



WARNING: stop the engine and unplug the spark plug before any repairing or maintenance operations.

:Stop the engine and unplug the spark plug before any repairing or maintenance operations.

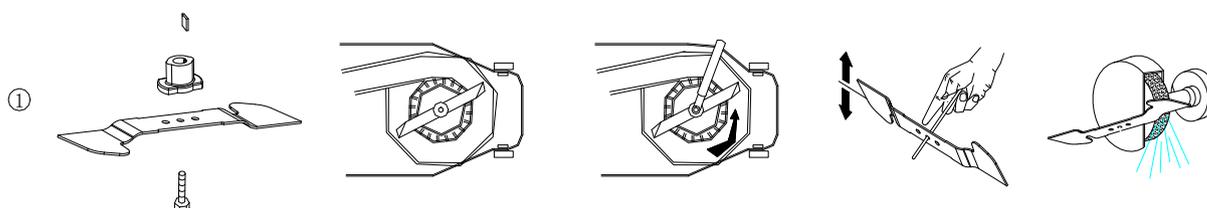
- For four strokes engine read carefully the maintenance engine manual. Check regularly the oil level and add some oil or replace it if necessary.
- Frequently check the lawnmower and ensure that all grass deposits are removed from beneath the deck.
- Lubricate regularly the wheel axle and the bearings with grease.
- Check often the blade, in order to obtain a clean work the blade should always be sharp and well balanced.
- At regular intervals check the tightening of all bolts and screws. Wear off or badly tightening nuts and bolts can involve some important damages to the engine or the frame.
- If the blade hits violently an obstacle, stop the lawnmower and bring it to agreed service station.

THE BLADE: the blade is made of pressed steel, in order to obtain a clean work sharpen the blade frequently, around every 25hours of work. Be sure that the blade is always well balance, introduce a small iron axle(ϕ 2 or ϕ 3 mm) in the central hole of the blade, it should stay horizontal. If the blade does not stay horizontal balance it by taking off some metal on the side, which is down.

YOU MUST ONLY USE THE MANUFACTURER BALDE IT SHOULD BE REFERENCED AND WEAR THE MANUFACTURER BRAND “SINHARBOUR”

To remove the blade, unscrew the screw, ① check the blade support and change all spare parts if they are worn out or damage.

When reassembling the blade, make sure that the cutting edges face in the direction of the engine rotation. The blade screw must be torque to 3.7 K • gm(37Nm) with a dynamometric tool.



ONLY USE ORIGINAL SPARE PARTS. SPARE PART OF BAD QUALITY CAN INVOLVE IMPORTANT DAMAGES TO YOUR LAWNMOWER AND BEPREJUDICIAL FOR YOUR SECURITY

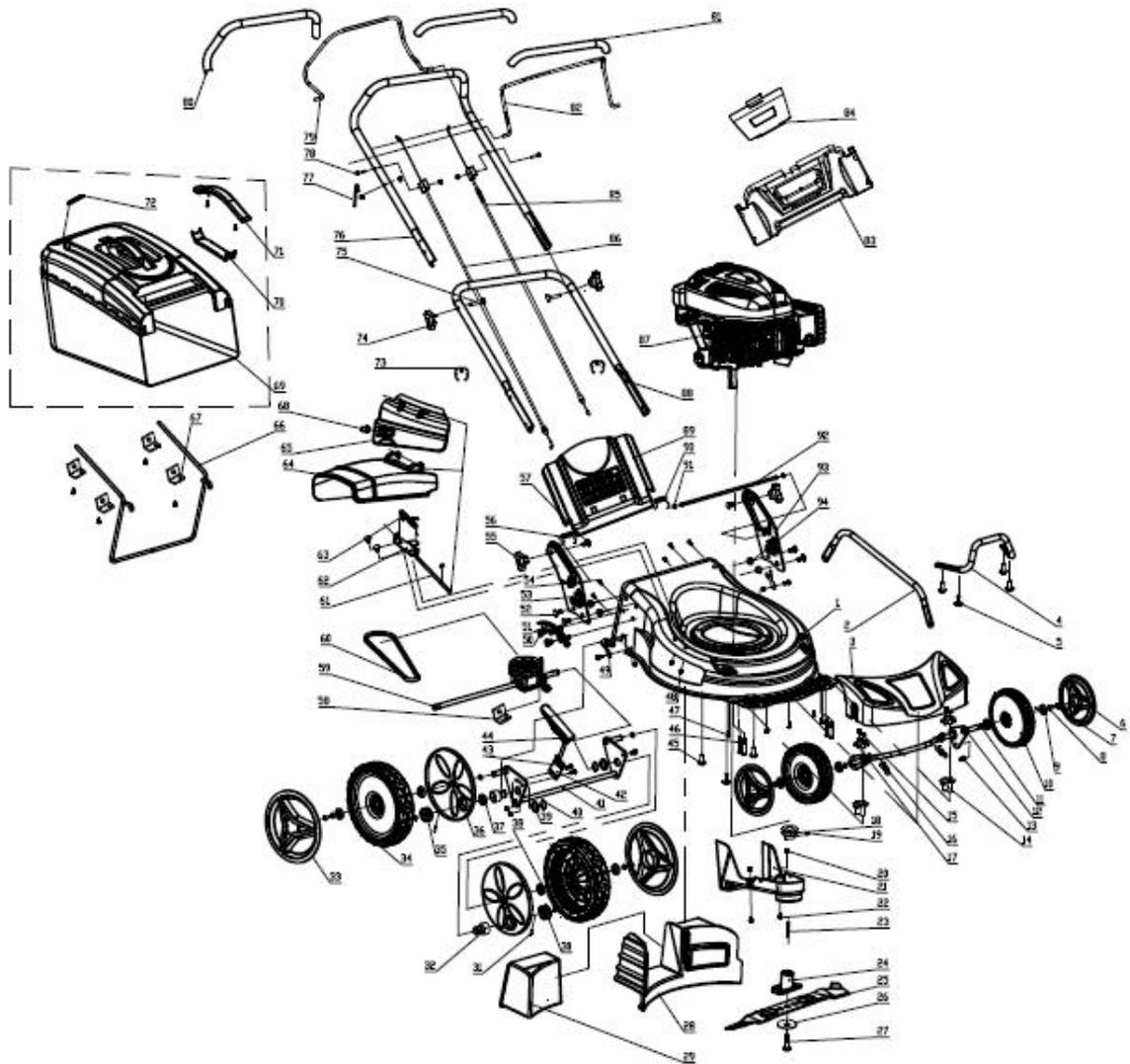
Technical Data:

Engine Model:	HG53SMH-XP200
Max. Power:	3.5 kW
Rated Speed:	2800rpm
Displacement:	196cc
Starting:	Recoil
Tank Volume:	1.2L
Cutting Heights:	25-75mm 8 grades
Height Adjustment:	One Lever Adjustment
Cutting Path:	530mm
Wheel Diameter:	7 " (front)/10 " (rear)
Wheel Width:	50mm
Catcher Volume:	62L
Deck Material:	Steel

LwA:
N.W./G.W.:

98dB(A)
36kg/39kg

11-EXPLODING VIEW—HG53SMH-B



Spare Part List for HG53SMH-B

Nos.	Part No.	Spare Parts Name	Qty
1	LM530S-40006	Deck	1
2	LM530S-40045-01	Connecting Rod	1
3	LM530S-40185-01	Front Cover	1
4	LM480S-40087-01	Bumper	1
5	6SQDD08-25D	Bolt	4
6	LM480S-40020-01	Front Wheel Cover	2
7	6SQDD06-12D	Bolt	8
8	LM480S-40202-01	Washer	4
9	LM480S-40210-01	Bearing	1
10	LM480S-40440-01	Front Wheel	2
11	LM480S-40202-02	Washer	4
12	LM480S-40440-02	Front Wheel Axle	1
13	LM480S-40206-01	Screw	2
14	LM480S-40334-01	Axle Sleeve	2
15	6NH-06D	Nuts	7
16	LM480S-40342-01	Spring	2
17	LM480S-40334-02	Bush	1
18	LM480S-40122-01	Driving Pulley	1
19	6SLC06-10B	Screw	1
20	6NH-04D	Nuts	2
21	LM530S-40024-01	Belt Cover	1
22	6SBAD04-16D	Bolt	2
23	LM480S-40205-01	Pin	1
24	LM480S-40142-01	Blade Adapter	1
25	LM530S-40231-01	Blade	1
26	LM480S-40202-03	Rear Wheel Cover	1
27	LM480S-40206-02	Washer	1
28	LM480S-40181-01	Rear Baffle	1
29	LM480S-40354-01	Mulcher Guard	1
30	LM480S-40123-01	Right Gear	1
31	LM480S-40091-01	Pin	2
32	LM480S-40334-01	Rear Axle Sleeve	2
33	LM480S-40020-02	Rear Wheel Cover	2
34	LM480S-40440-03	Rear Wheel	2
35	LM480S-40123-02	Left Gear	1
36	LM480S-40020-03	Inner wheel cover	2
37	LM480S-40210-02	Bearing	2
38	LM480S-40201-01	Ring	1
39	LM480S-40202-04	Washer	2
40	LM480S-40201-02	Ring	2

41	LM480S-40440-04	Rear Axle	1
42	LM480S-40440-05	Adjuster Handle Assey	1
43	6SDD06-12D	Bolt	2
44	LM480S-40331-01	Adjuster Knob	1
45	6SQDD08-25D	Bolt	7
46	6SQDD06-55D	Bolt	4
47	LM480S-40206-03	Tapping Screw	11
48	6NE-06D	Self-locking Nut	6
49	LM480S-40181-02	Bracket	2
50	LM480S-40206-04	Bolt	4
51	LM480S-40181-03	Limited plate	1
52	LM480S-40206-05	Side Discharge Fixed	4
53	LM480S-40292-01	Bolt	1
54	LM480S-40206-06	Tapping Screw	5
55	LM480S-40440-06	Triangular Nuts	2
56	LM480S-40342-02	Spring	1
57	LM480S-40206-07	Screw	2
58	LM480S-40292-04	Gear Box Bracket	1
59	LM480S-40440-07	Gear Box	1
60	LM530S-40345-01	Belt	1
61	LM480S-40081-01	Side Discharge Axle	1
62	LM480S-40141-01	Side Discharge Fixed	1
63	LM480S-40342-04	Spring	1
64	LM530S-40101-01	Side Discharge Deflector	1
65	LM530S-40181-001	Side Discharge Cover	1
66	LM480S-40292-02	Frame	1
67	LM480S-40186-01	Pressing plate	4
68	LM530S-40304-01	Lock	1
69	LM480S-40440-08	Grass Catcher	1
70	LM480S-40020-04	Sealed cover	1
71	LM480S-40002-01	Grip	1
72	LM480S-40181-05	Cover	1
73	LM480S-40007-01	Cable Holder	2
74	LM480S-40440-06	Triangular Nuts	2
75	LM480S-40206-06	Bolt	2
76	LM480S-40087-02	Superior Handle	1
77	LM480S-40343-01	Rope Guide	1
78	6SQDD06-35D	Bolt	2
79	LM480S-40087-03	Driving lever	1
80	LM480S-40063-01	Foam Soft Tube	1
81	LM480S-400331-02	Plastic Button	2
82	LM480S-40087-04	Flame Out lever	1

83	LM480S-40185-02	Handle Panel	1
84	LM480S-40020-04	Left Handle Bracket	1
85	LM480S-40440-09	Driving Cable	1
86	LM480S-40440-10	Flame Out Cable	1
87	LM530S-40600	Engine (1P70)	1
88	LM480S-40087-05	Inferior handle	1
89	LM480S-40181-06	Rear Cover	1
90	LM480S-40342-06	Left Spring	1
91	LM480S-40201-03	Ring	3
92	LM480S-40081-02	Rear Cover Axle	1
93	LM480S-40292-03	Left Handle Bracket	1
94	6ND-08D	Bolt	4

12-WARRANTY

WARRANTY CONDITIONS:

The manufacturer warrants the product 12 months from the date of purchasing, from all fabrication faults. The lawnmowers that are used in a professional or locative way are warranted 3months. The warranty cannot be claimed in case of normal wear.

The manufacturer will replace at his expense the spare parts, which would be classified as defective by him or an agreed station service. In any case the manufacturer will not accept the reimbursement of the machine (partially or totally) and/or damages and interest direct or indirect.

The warranty does no cover:

- An insuffisant maintenance.
- An abnormal use or damage due to shocks.
- The mounting, adjustment and preparation of the machine.
- The spare parts with normal wear, security spare parts (belt, blade, blade support, bearings, cables, deflectors, etc...)
- Freight and packing cost.
- Only use spare parts coming for the manufacturer SINHARBOUR.

The manufacturer will refuse any responsibility if the machine was not used for the purpose it was made or if the operator did not use the machine as describe in the operations and maintenance rules in the owner manual.

Read carefully the instruction manual before any use of the lawnmower.

For all spare parts order you must specify the reference of the mower the construction year, the serial number of the mower and of the engine.



EU-Konformitätserklärung EU-Declaration of Conformity

Hiermit bestätigen wir, dass das nachfolgend bezeichnete Gerät den angegebenen Richtlinien entspricht. Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller.
We herewith confirm that the following appliance complies with the mentioned directives. This declaration of conformity is issued under the sole responsibility of the manufacturer.

Artikelbezeichnung:

Article Description: Rasenmäher CR-196-10E

Artikelnummer:

Article Number: PR0021908-01, PR0021958-01, PR0021959-01

Type:

HG53SMH-XP200

Firmenanschrift:

Company Address

Miweba GmbH Michael & Manfred Weichert
Gewerbepark 20 96149 Breitengüßbach**Einschlägige Harmonisierungsrechtsvorschriften der Union / relevant Union harmonisation legislation:**

- | | |
|--|--|
| <input type="checkbox"/> 1. Elektromagnetische Verträglichkeit (EMV)
Electromagnetic Compatibility (EMC)
2014/30/EU | <input type="checkbox"/> 2. Niederspannungs-Richtlinie
Low-voltage directive
2014/35/EU |
| <input type="checkbox"/> 3. Sicherheit von Spielzeug
Safety of toys
2009/48/EC | <input type="checkbox"/> 4. Maschinen-Richtlinie
Machinery directive
2006/42/EC |
| <input type="checkbox"/> 5. Funkanlagen
Radio Equipment
2014/53/EU | <input type="checkbox"/> 6. Ökodesign – Richtlinie
Energy – Related – Products – Directive (ErP)
2009/125/EC |
| <input type="checkbox"/> 7. Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten
Restriction of the use of certain hazardous substances (RoHS) 2011/65/EC | |

Harmonisierte EN-Normen / Harmonised EN-Standards

Der Artikel entspricht folgenden, zur Erlangung des CE-Zeichens erforderlichen Normen:
The article complies with the standards as mentioned below which are necessary to obtain the CE-symbol:

EN ISO 5395-1: 2013+A1
EN ISO 5395-2:2013+A1+A2
AfPS GS2014: 01
EN 55012:2007+A1:2009
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Stellung im Betrieb / Position:

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