

General

Rustbit 500 is a kind of economical surface preparation tool, providing effective and quick rust removal performance with only one person. It is chain type electric motor driven deck scaling machine and can cover approx. 10m²/hour on flat areas (hatch, deck, etc) with surface grade Sa1.5.

Rustbit500 is very simple to operate and easy to assemble/disassemble for saving maintenance manhour and reducing breakdown.

Characteristics

- Effective surface preparation
- Simple to operate
- Easy assembly mechanism
- Overload safety design
- Excellent durability and impact resistance

Physical Properties

- Electric motor: 440V (3 phases, 60 Hz) 0.75 KW / 1250 rpm
- Working capacity: 10m²/hour
- Dimension (Length x Width x Height): 1.4m x 0.39m x 1.05m
- Net weight: 47 kg (103.6 lbs)
- Heat-treated three-linked chain type
- Option: Wire brush type can be used

INTRODUCTION OF BC PPRODUCTS

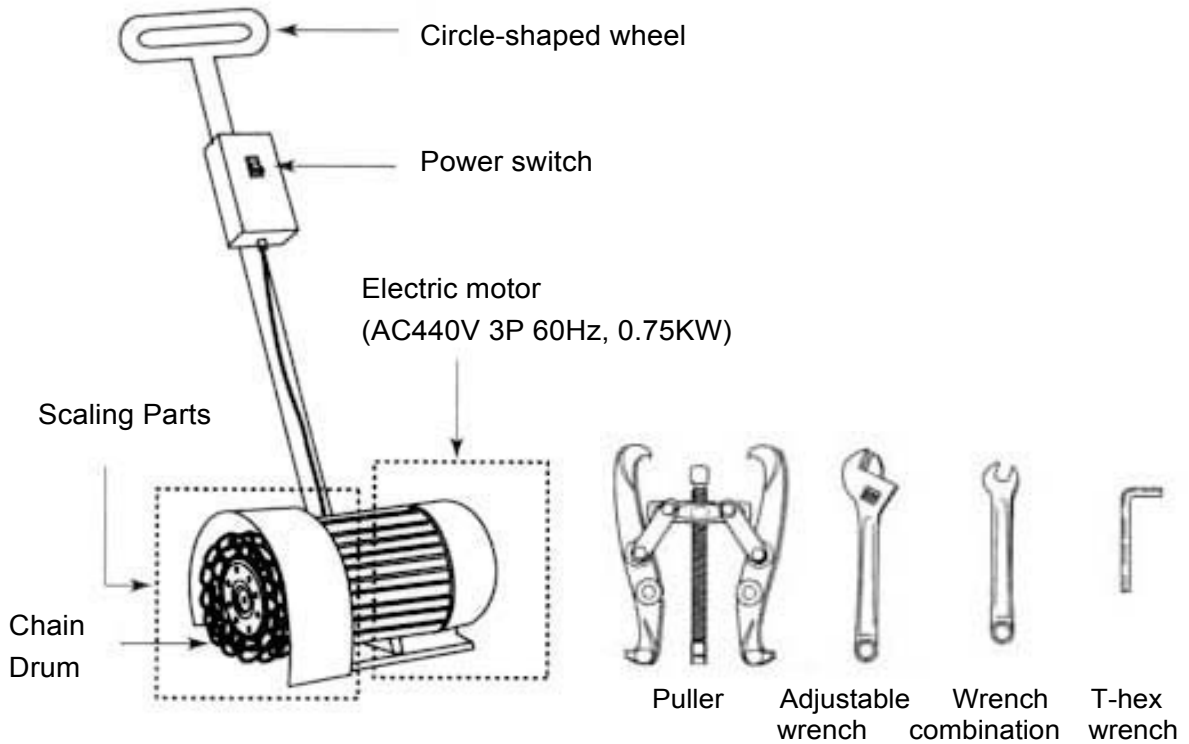
RUSTBIT500

Scaling parts

PARTS NO.	DESCRIPTION	PARTS NO.	DESCRIPTION
DS500-0	Chain drum	WB600-0	Wire brush
DS500-1	Chain (25 pcs set)	WB600-1	Brush
DS500-2	Plate (5 pcs set)	WB600-2	Boss
DS500-3	Bolt & nut (10 pcs set)	WB600-3	Boss key
DS500-4	Boss	WB600-4	Cover (2 pcs set)
DS500-5	Collar (25 pcs set)	WB600-5	Cover bolt

Operation

□ **FEATURES:** Circle-shaped handle/ electric motor/ scaling parts are illustrated as follows:



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RUSTBIT500

□ SAFETY PRECAUTION

- Do not use Rustbit500 in a rainy day
- Improper voltage connection can be a cause of breakdown of electric motor
- Long time operation without cease can be a cause of breakdown of electric motor

□ GETTING STARTED

- Audio protection (earplug) is recommended
- Before operating, carefully and thoroughly check the condition of scaling parts, especially three-linked chains.
- In case the first chain is worn away, seriously, the chain set should be replaced to new chain set, since the defeated parts make shaft of motor curved.
- Check electric cable is properly connected and its voltage is correct.

□ START OPERATION

- Push switch “on “ and start Rustbit500
- Slightly push down the circle-shaped handle and move Rustbit500 back and forth two ~ three times, depending on surface condition to be treated
- Pushdown of circle-shaped handle is recommended to make chains hit the surface effectively and not to make other scaling parts worn away easily.

□ STOP OPERATION

- Push switch “off “ and check the scaling parts carefully and replace defeated parts for next service

□ SECURITY LOCKING DEVICE

- Special security locking device is installed for the protection of overloading
- In the event of overloading, stop operation for 10~20 minutes
- One and half hours (1.5 hrs) working time is highly recommended

□ SCALING PARTS

- Before operation, always check the condition of scaling parts, especially chains
- When assembling, carefully tight bolts and butts just enough to make chains be shaken properly.

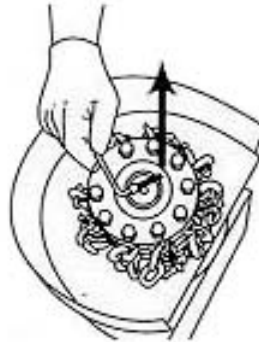
Maintenance

□ **DISASSEMBLY**

- Release inner hex bolt by wrench and take out hex bolt and shaft cover.



[Fig.1] Release inner hex bolt

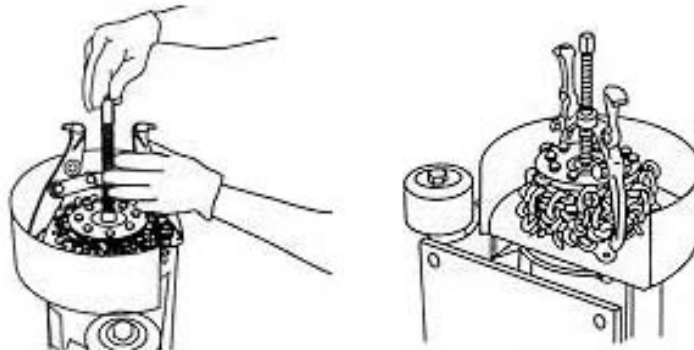


[Fig.2] Take out hex bolt



[Fig.3] Remove shaft cover

- Hook chain drum with puller and fit puller with chain drum



[Fig.4] Hook chain drum

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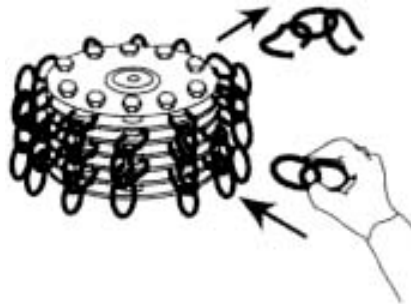
RUSTBIT500

- Pull chain drum and check scaling parts, especially chains



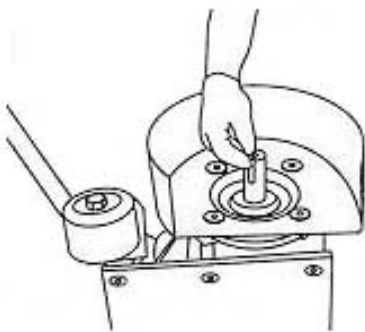
[Fig.5] Pull chain drum

- When the first chain is defected, replace to new chain set



[Fig.6] Replace defected chain set

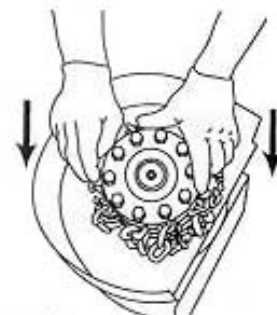
- Assembly procedure is the opposite of the disassembly.



[Fig.7] Push drum key



[Fig.8] Place chain drum



[Fig.9] Fit with shaft