

# Relax and keep piling

A Maintenance Solution built to maximize machine reliability, optimized to eradicate unplanned downtime, and designed to take stress and uncertainty away from the machine owners.

Junttan LifeCare Service Agreements enable machine owners to fully utilize their fleet availability, to fully focus on piling work without worrying about the condition of their machines.

Our dedicated professionals and network of trusted partners will take care of the scheduled maintenance according to Junttan Preventive Maintenance Program.

The LifeCare service system maximizes operational safety, maintains machine value and functionality without unplanned downtime.

The responsibility of the machine owner and LifeCare customer will be only with the daily and weekly checks and maintenance measures. LifeCare, especially when coupled with LifeCare+ service will bring the best return on machine investment over the machine life cycle.

Let's make machine ownership easy for you; together we will get there.

## Junttan LifeCare

- Scheduled maintenance procedures in Junttan Preventive Maintenance Program
- · Original Junttan Parts.
- · High quality Junttan Service
- Available up to 8 000 hours

# Junttan LifeCare+

Juntton 

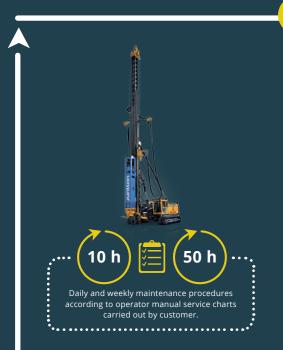
- Extra protection layer to machine parts after factory warranty
- Extended coverage for major parts
- Available up to 6 000 hours
- Helps to reduce costs



# **Junttan Preventive Maintenance Program**

Applicable PM16-PM25 / PMx20-PMx24

**MACHINE AUDIT** At 2000 h intervals



ENGINEOil & Filters change (excl. Air filter)Drive belt inspection/change

## TRANSMISSIONS

- Track drive oil level visual inspection
   Swing Drive oil level visual inspection
   Zollern winch oil change (1st 500h)
   Zollern winch coupling oil change (1st 500h)

• Filters change (1st 500h)

- Cabin filter inspectionDefective warning lights change

Slewing ring bolts visual inspection (1st 500h service)
Winch mounting bolt visual inspection

## LOWER CARRIAGE

• Slewing ring bolts tightening to torque (1st 500h service)

All greasings with 500 hours service chart
Adjustment of upper slide guides

# 1000 h Service

Radiator visual inspectionOil & Filters change

## **HYDRAULICS**

Filters change

Top plate visual inspection

- Slide visual inspectionsDrive cap cushion & rebound ring
- Frame lifting attachment

## visual inspection

## OTHER

All greasings according to 500 and 1000h service chart

## Adjustment of upper slide guides

# 1500 h

ENGINEOil & Filters change (excl. Air filter)Drive belt inspection/change

TRANSMISSIONS

• Track drive oil level visual inspection

Swing Drive oil level visual inspection

Cabin filter inspectionRepairing defective warning lights

## UPPER CARRIAGE

Slewing ring bolts visual inspectionWinch mounting bolt visual inspection

LOWER CARRIAGE

Track shoe bolts visual inspection

All greasings according to 500 service chart
Adjustment of upper slide guides

After 6 000 h

Extensive Audit and machine

## Upper slide visual inspectionAdjustment of upper slide guides HAMMER

HYDRAULICS

UPPER CARRIAGE

LOWER CARRIAGE

Oil change

Pile driving cylinder change

Top plate cushions changeSlides & pins visual inspection

## Pressure accumulators, Pre-fill pressures Slide plastics change

ENGINE
Oil & Filters change
Vibration absorber visual inspection
Coolant change with Fleetguard™ additives

Slewing motor transmission oil changeSlewing ring bolts visual inspection

Driving motors transmission oil change

Track rollers visual inspectionSlewing ring bolts tightening to torque

All greasings according to
500 and 1000h service chart
Adjustment of upper slide guides
Fire extinguisher inspections (Expiration date) •

Why Choose Junttan LifeCare?

TOP LEVEL MACHINE PRODUCTIVITY AND EFFICIENCY Repair based on overhaul recommendations

## Junttan LifeCare+

# #pilesmarter

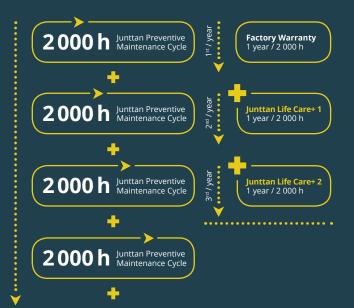
Junttan LifeCare+ is a purpose built solution for expanding the machine owner's protection. Designed to provide extended support in the event of premature failures in the machinery components.

The component manufacturers' warranty period is limited. Sometimes even adequately serviced and used components can suffer a malfunction outside the manufacturer warranty period not reaching its service life. For this reason Junttan has created an optional extra LifeCare+ service package to compliment the Junttan LifeCare service product.

LifeCare+ can be activated for all new Junttan piling rigs and hammers for service periods between 2 000 and 6 000 hours (one to three years) alongside an active LifeCare Service Agreement.

This solution is designed to give machine owners more predictability in maintaining new machines.

Junttan will lead you to better results.





## Parts and components included in the Life Care+ coverage

UPPER CARRIAGE

Lower slide	
Basic leader	
Mast foot	
Upper slide Leader extensions	
Leader extensions Cat head	
Steel rope wheels	:
Plastic rope wheels	
Leader wear plastics and bronzes	(
Hose covers	(
Hydraulic hoses	,
Electric components	:
Leader cylinders	:
Pile arms and its cylinders	
WINCHES	
Motor	:
Drum	
Frame	
Directional control block	
Steel wires	(
Brake caliber	(
HYDRAULIC SPACE MODULE	
Electric component module	
Main valves	
Solenoid valves and other controls	

## Horizontal slide Horizontal slide wear pads Leader lift device and cylinders Upper carriage frame Electric component module Hydraulic hoses Main pumps Cylinders Cabin Slewing mechanism module Slewing ring Cylinder pins **UNDER CARRIAGE** Track beams Extension beams Cylinders Middle part Track chains Track pads Track rollers Drive gears Front wheel with tensioner Track guide wear pads Drive gear motor and gear box

Frame	х
Extension frames	х
Cylinder (Separate agreement available)	o
Drive cap	o
Drive cap housing	О
Rebound ring	0
Cushion	0
Hoses inside hammer frame	х
Accumulators	Х
Guide claws	Х
Guide claw wear plastics and pins	0
Ram block	Х
Ram block wear plastics	0
Ram block bolts and counter nuts	0
Top plate	Х
Top plate absorbers	0
Top plate lifting bracket	0
Lifting pin	0
Sensors	0
Solenoid valve	0
ENGINE	
Engine and attachments (Separate agreement may be available)	0

nger 1+2 years

no coverage, wearing part, estimated technical lifetime less than 1+2 years

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