



Ignasi Clotet, s.l.

Machines



**Preventive maintenance for
machine type is**

C42

PREVENTIVE MAINTENANCE INTERVENTIONS FOR TYPES OF CARS **(BASIC MAINTENANCE CHECK)**

• MAINTENANCE TESTS TO BE CARRIED OUT:

• DAILY

ELEMENT	ACTION
Residues	<ul style="list-style-type: none"> • Residue cleaning <ul style="list-style-type: none"> ○ Large quantities of residues that accumulate in mechanical areas cause rubbing and excessive strain which lead to breakages or excessive wear ○ Do not use compressed air. If this is the case, protect yourself with protective glasses
Photocells and sensors	<ul style="list-style-type: none"> • Optical cleaning of the photocells (dry, clean cloth) <ul style="list-style-type: none"> ○ Check correct operation and adjustment.
Heads	<ul style="list-style-type: none"> • Cleaning of the heads, remove residues manually. <ul style="list-style-type: none"> ○ Do not use compressed air guns; if this is the case, protect yourself with protective glasses

• WEEKLY

ELEMENT	ACTION
Chains	<ul style="list-style-type: none"> • Check the condition and greasing of the chains <ul style="list-style-type: none"> ○ Do not grease excessively: it could compromise the operation ○ We recommend: Natural ESTER base (yellow colour) viscosity 40° based on the DIN 51757 standard 100MM=S • Check transmission and drive chains carefully. <ul style="list-style-type: none"> ○ It must be taken into account that the voltage <p>The optimum of a transmission chain is one that allows a perpendicular movement equal to a maximum of one centimeter.</p> <p>Lower tension deteriorates the chain, while higher tension puts excessive strain on the axles.</p> <p>For drag chains it is advisable to maintain tension in order to prevent the fold of the chain from coming into contact with the conveyor frame.</p> <p>Tension the chains gradually.</p> ○ If a defect or excessive wear is observed: Replace

Escapes	<ul style="list-style-type: none"> • Check for air leaks and repair or replace appropriately.
Fixing screws	<ul style="list-style-type: none"> • Check machine fixing screws. <ul style="list-style-type: none"> ◦ In case of recurrence of loosening, it is recommended to change fasteners and use a fastening adhesive.
Cylinders	<ul style="list-style-type: none"> • Check cylinder fastening • Check ball joint screws, cylinder fixing hinges, shock absorbers if existing, etc. <ul style="list-style-type: none"> ◦ If a defect or excessive wear is observed: Replace

• MONTHLY

ELEMENT	ACTION
Cylinders - Silencers	<ul style="list-style-type: none"> • Clean the air outlet silencers of the valves <ul style="list-style-type: none"> or It is common for these to build up and slow down movements, compromising the functioning of the line ◦ If a defect or excessive wear is observed: Replace
Rigid ball bearings	<ul style="list-style-type: none"> • Check rigid ball bearings <ul style="list-style-type: none"> ◦ Observe game, gain weight ◦ If a defect or excessive wear is observed: Replace
Guides	<ul style="list-style-type: none"> • Check guide wear. Visual inspection. <ul style="list-style-type: none"> ◦ Observe wear. ◦ If a defect or excessive wear is observed: Replace
Square base bearings	<ul style="list-style-type: none"> • Check square base bearings <ul style="list-style-type: none"> ◦ Observe game, gain weight ◦ If a defect or excessive wear is observed: Replace
Oval base bearings	<ul style="list-style-type: none"> • Check oval base bearings <ul style="list-style-type: none"> ◦ Observe game, gain weight ◦ If a defect or excessive wear is observed: Replace

• QUARTERLY

ELEMENT	ACTION
Guides	<ul style="list-style-type: none"> • Check chain guide wear. <ul style="list-style-type: none"> ◦ Carry out wear measurement ◦ If a defect or excessive wear is observed: Replace
Compasses	<ul style="list-style-type: none"> • Check bushes for wear. <ul style="list-style-type: none"> ◦ Carry out wear measurement ◦ If a defect or excessive wear is observed: Replace
Bearing and traction gyrator	<ul style="list-style-type: none"> • Check play and wear. <ul style="list-style-type: none"> ◦ Grease the bearing (-20°C, use lithium-based grease) ◦ If there is excessive wear in the drive, replace the crown and pinion.

• HALF YEARLY

ELEMENT	ACTION
Motors/gearmotors	<ul style="list-style-type: none"> • Check: <ul style="list-style-type: none"> ◦ Motor consumption and motor protection. ◦ Check the oil level and condition. (reducer) ◦ Electrical connection and wiring ◦ External appearance: fixing, torsion arm, fan cover, terminal cover... ◦ Mechanical transmission: bearing, axle, connecting rod... ◦ If a defect or excessive wear is observed: Replace

• ANNUAL

ELEMENT	ACTION
Aces	<ul style="list-style-type: none">• Check axle wear<ul style="list-style-type: none">◦ If a defect or excessive wear is observed: Replace
Toothed wheels	<ul style="list-style-type: none">• Check gear wheel wear<ul style="list-style-type: none">◦ If a defect or excessive wear is observed: Replace