Preventive Maintenance

~ Recommendation for Drive system maintenance ~

If the parts for the drive system have damage

The machine may not maintain the original performance.
In the worst case, the machine may **be broken** and require **repair.**

Major parts of the drive system

①_ **Roller**/When the diameter is worn by friction, the web may slip on the roller because of the **change of peripheral speed**. This causes damage on the film surface.
In addition, deterioration over time will cause a **decline of grip force and performance.**

②_ **Bearing**/By making smooth rotation for every drive system, heat generation caused by the friction is suppressed.
Therefore, it is **susceptible to wearing**. Continued use in a worn condition may not only cause the **failure of bearing** but also cause the **failure of shaft**.

③_ **Drive belt**/Since it transmits power from the motor to each pulley and roller, tension is constantly operated to prevent slip during acceleration or deceleration.
When it is heavily deteriorated, it may be broken due to torque fluctuation or friction from the pulley.

④_ **Drive shaft of bottom blade**/Usually installed in Slitter which has shear slitting unit.
This shaft is a cantilever type and the shaft-end, with the concave part connecting to the convex part of the driven pulley. This connecting part is susceptible to wearing, **grease-up work** and **daily inspection** are recommended.

Other parts of drive system

In addition to above parts, there are various important parts for drive.
Periodic maintenance and **inspection by our engineer** are recommended.

Inquiries on matters other than the above
such as the Quotation for parts, Modification and Maintenance of the Machine
are also welcome.
Please feel free to contact us.

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