Rollalert

AI CONVEYOR SAVER

Belt Furnaces / kilns

Variable high temperature equipment for precision heat treatment

Ceramics
Chimicals
Dishes / Sanitary

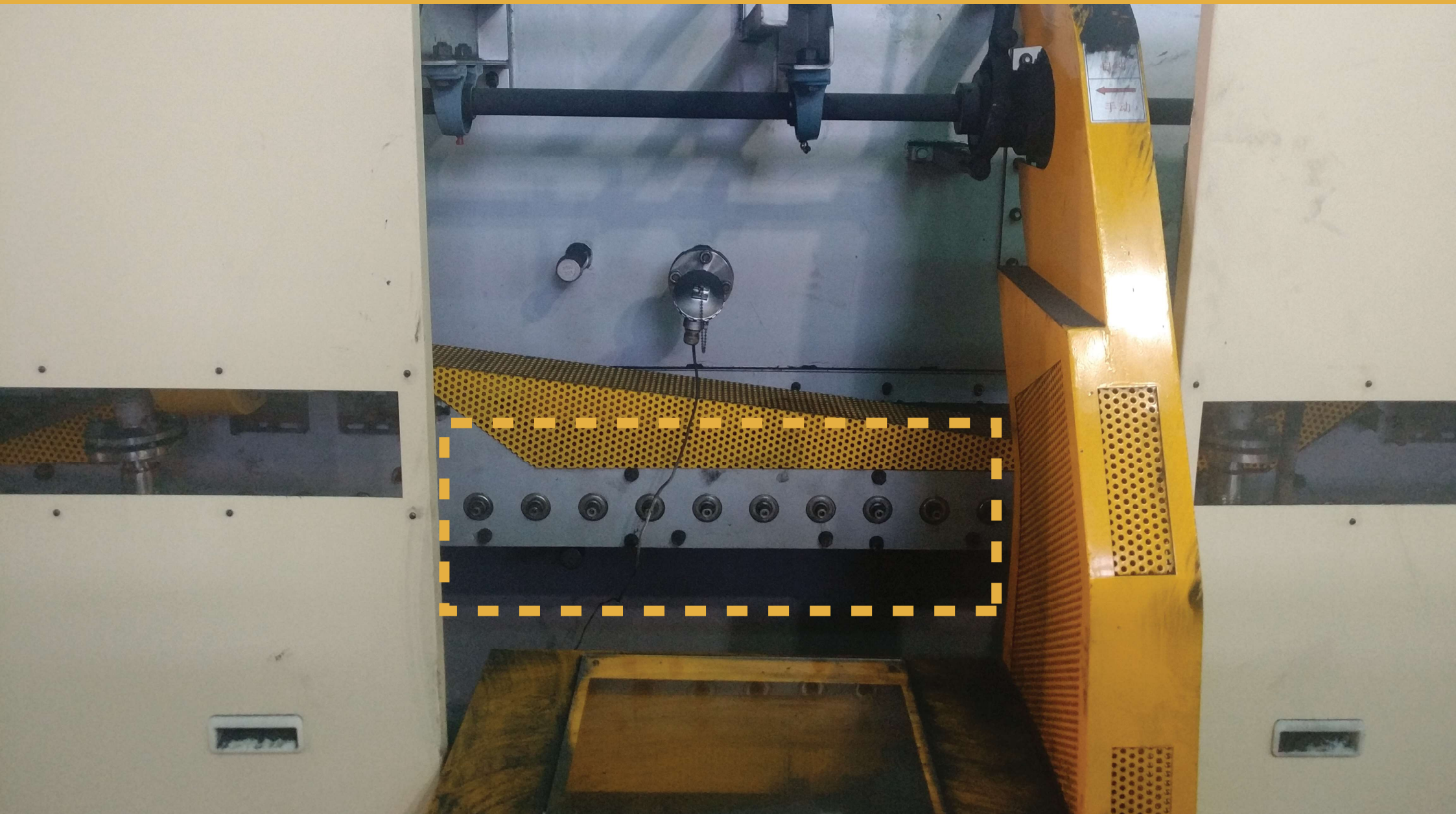
China is a world leader in number of belt furnaces

>700m long

Some cases can arrive to more than 1.2km

5-9 rollers / meter
Heat resistant ceramic rollers array

Ceramic Rollers array



Roller Detail

What is the problem ?

Roller breakage / Collapse

Unpredictable

5-10 days turn off

+

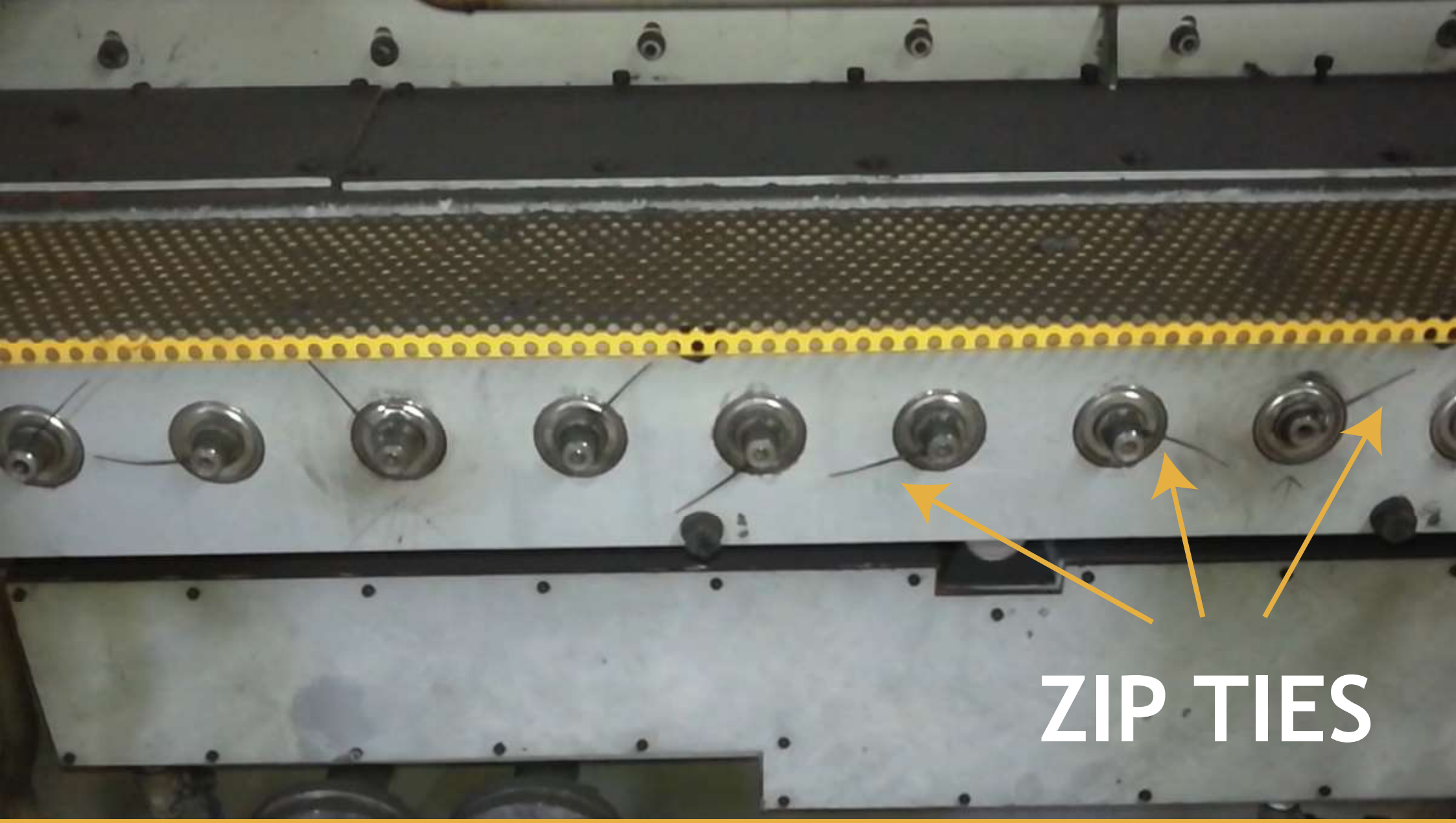
5-10 days turn on

=

10-20 working days

Each day ~= > 2,000,000 RMB

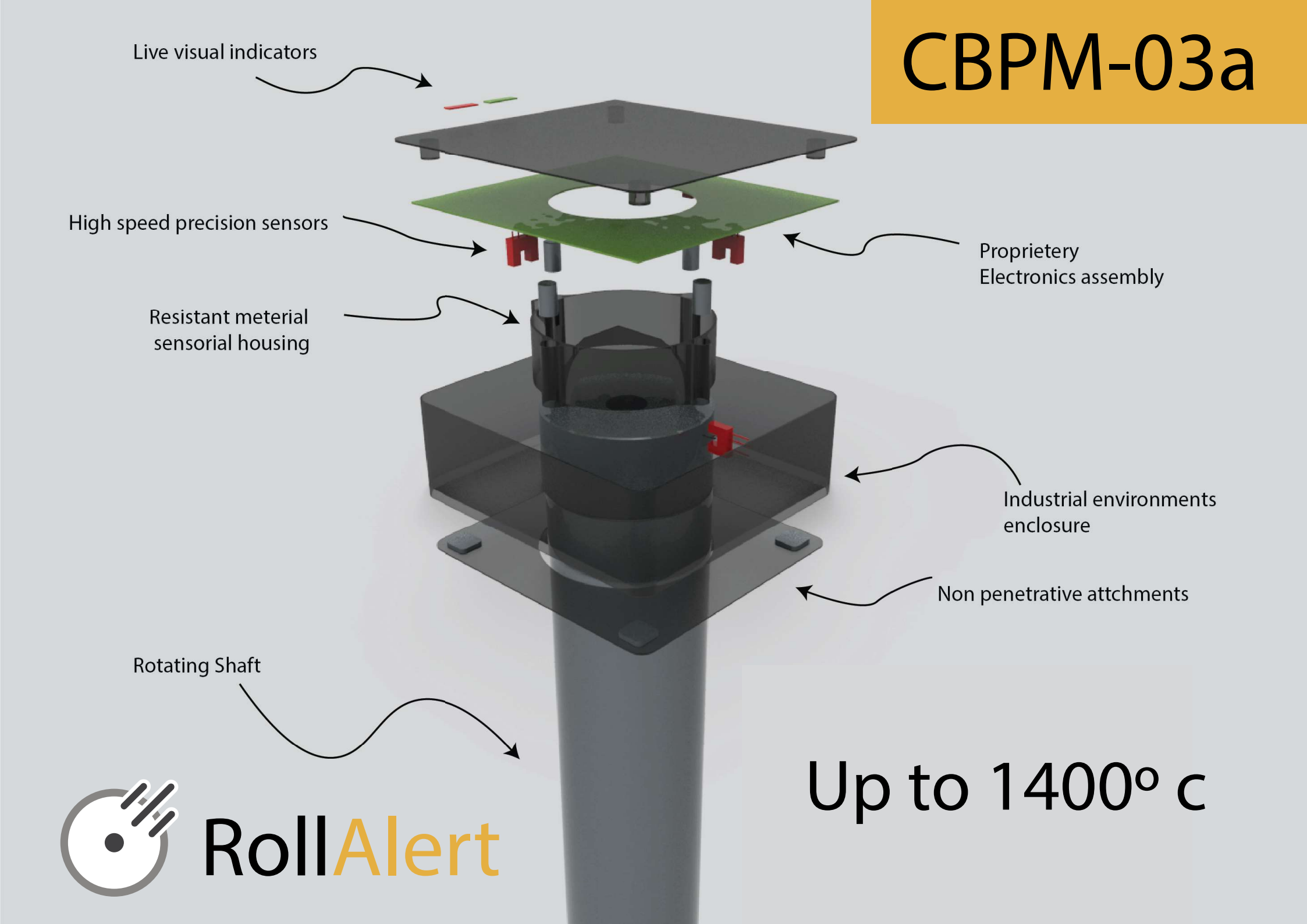
up tp 40,000,000 RMB problem...



Current solution

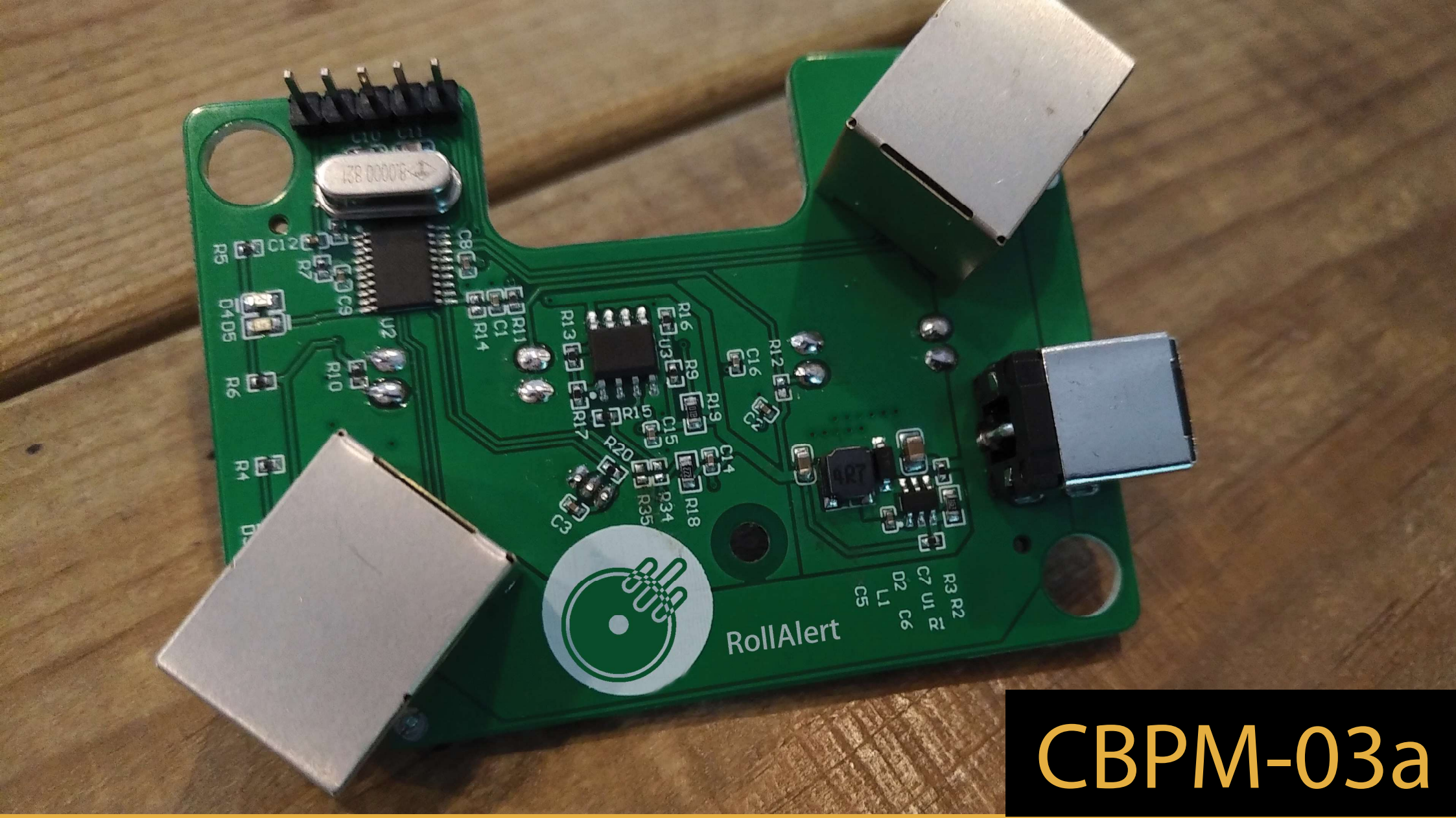
Manual / Visual inspection

CBPM-03a



RollAlert

Up to 1400º c



CBPM-03a

Proprietery protocols
up to 12,000 nodes on a single interface / cable

Simplified interface

Unique **AI core** that allows to learn and predict future failures

Alerts
Predictions
Events
Equipment Health analysis

Predictive maintanance

EMS integrations

save valuable resources

Rollalert

Save your conveyor
Save your business