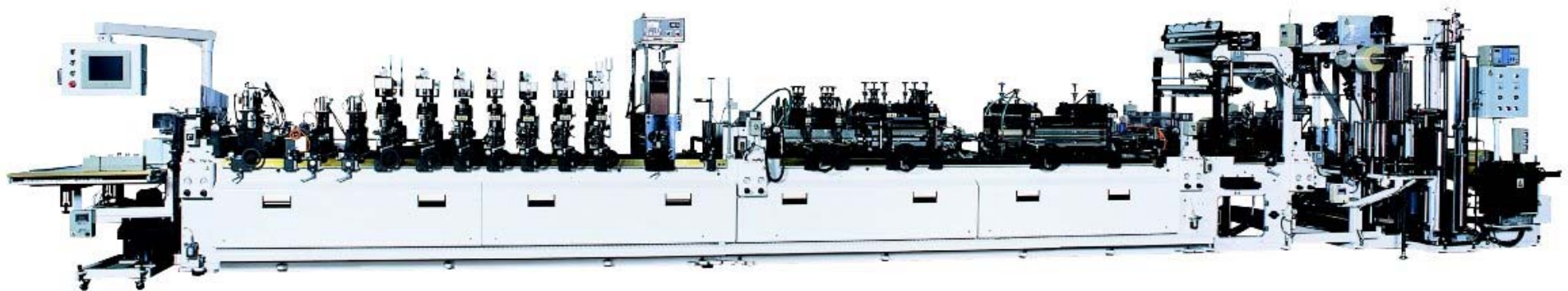


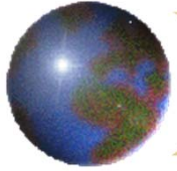
NISHIBE

Nishibe Kikai Company Presentation 2016

We have been manufacturing pouch making machines

since 1959





Company profile

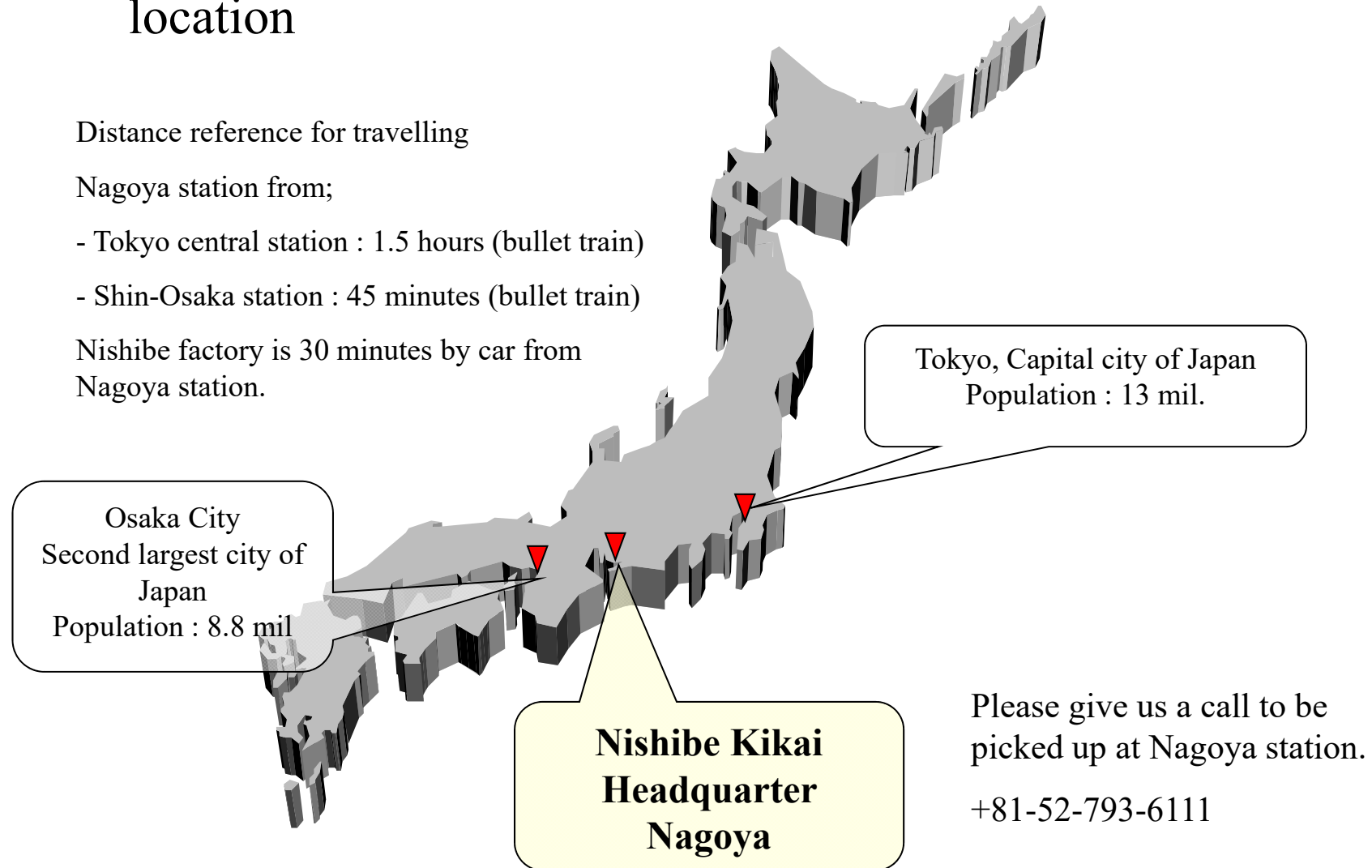
location

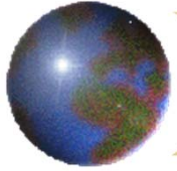
Distance reference for travelling

Nagoya station from;

- Tokyo central station : 1.5 hours (bullet train)
- Shin-Osaka station : 45 minutes (bullet train)

Nishibe factory is 30 minutes by car from Nagoya station.





Company Data

Annual Turnover : 33 mil USD

Number of employees : 80

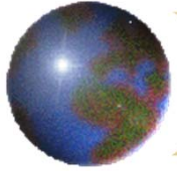
Annual number of machines : average 90

Market share in Japan : 70%

Year of company foundation : 1952

Manufacturing site : Nagoya





✓ **Heavy Duty (Power and structural sturdiness)**

Pouch Making Machines must be designed to meet high sealing pressure requirements. Long-term mechanical and thermal effects are important!

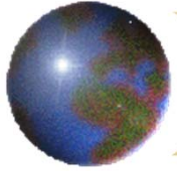
✓ **High Speed**

Pouch Making machines must work fast. Pouches are relatively expensive packaging.

✓ **Precise every single cycle of production**

Pouch making machines must retain precision for long operation hours. Nobody wants a leaker or wrinkles.

The above three factors are contradictory to each another by nature. Nishibe Pouch Making Machines are designed to meet these three factors in good balance.



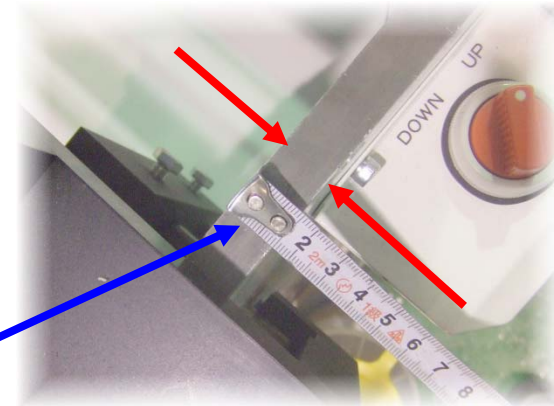
“Innovation” is not just something new.

Nishibe Innovation is something created a long time ago!!

Nishibe has been the leader in co-developing specially tailored pouches for decades, bringing many customers’ dreams into reality!!!

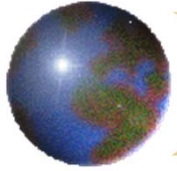
The Nishibe’s *sturdy* design is to ensure;

- 1. wide process window to accommodate a wide variety of film structures**
- 2. safe and stable production**
- 3. repeatability of precise seal quality**



Machine frame thickness : 15mm

Standard seal bar material : cast iron



Manufacturing program

Standard Pouch Making Machines



Three-side-seal pouches

HSE series



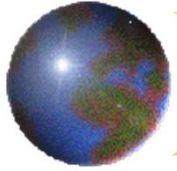
Stand-up pouches

SBM series



Center seal / 4-side seal pouches HSP series





Manufacturing program

Customized Pouch Making Machines

Short side gusset

BBM-700-SPG

Stand up pouches with folded bottom

SBM-600-SP delta

Bag-In-Box

IPM-500-SPG

BIB-1100-SP

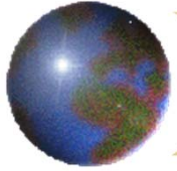
Cheer Pack pouches in three lanes

SBM-500-SP-3L

Small SUP's in 4 lanes in double step

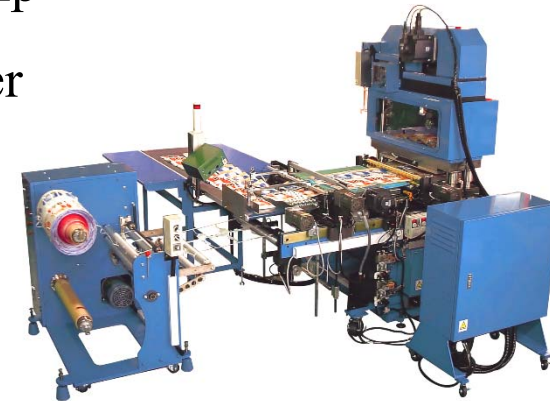
SBM-700-SP-4L-DS

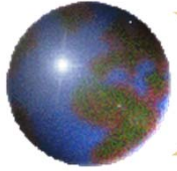




Main options

- ◆ Machine width (max 1200)
- ◆ Double-stage unwinder
- ◆ Film roll lift-up
- ◆ Film accumulation
- ◆ Automatic tape splicer
- ◆ Twin cutter
- ◆ Ultrasonic point seal
- ◆ Extra longitudinal sealing unit
- ◆ Double step
- ◆ Skip drive
- ◆ Powder spray
- ◆ Thomson cutter for shaped pouches
- ◆ Clean-room specifications
- ◆ Water-cooled zipper guide plate
- ◆ Pocket Zip
- ◆ TD zipper





Other equipment

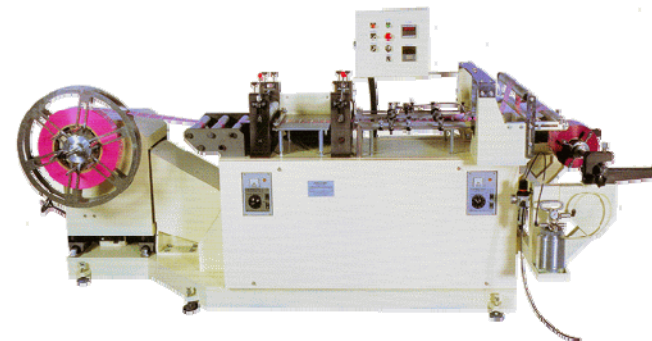
- ⊕ Pouch stacking unit
- ⊕ Off-line corner cutting device
- ⊕ Film roll slitter
- ⊕ Film roll rewinder
- ⊕ Zipper extrusion line
- ⊕ Shrink label tube forming machine



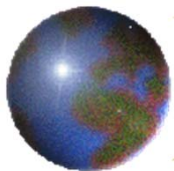
Automatic off-line corner cutter
for zippered pouches and stand-up pouches



Automatic pouch stacking unit
for high speed production



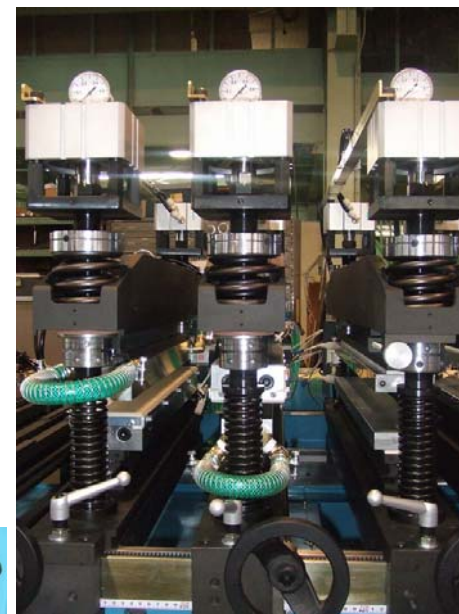
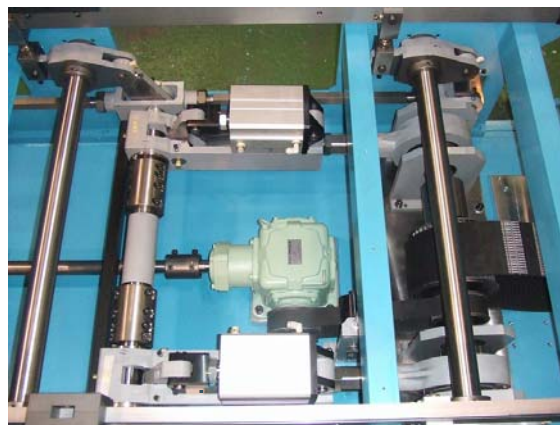
Shrink label tube forming
machine



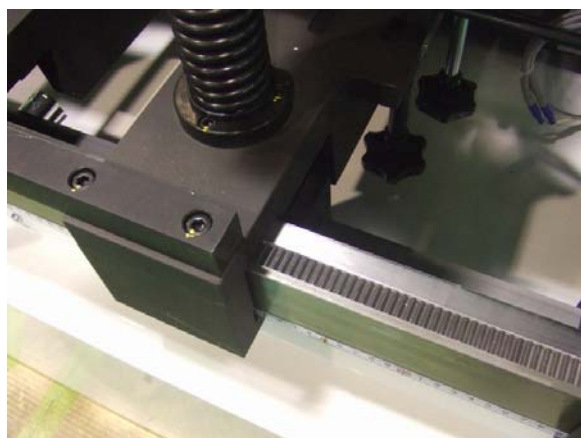
Structure photos



part of SA drive mechanism



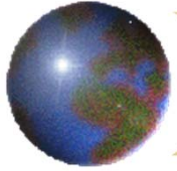
Transversal sealing and cooling units with skip device



Machine frame

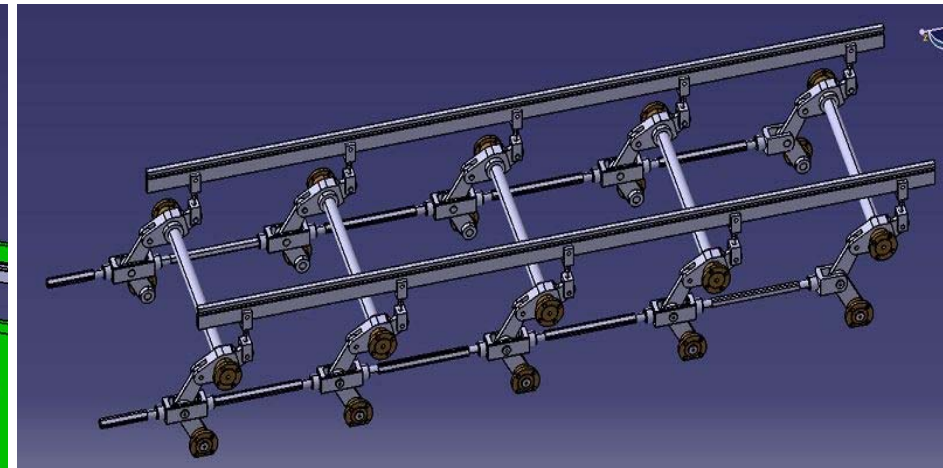
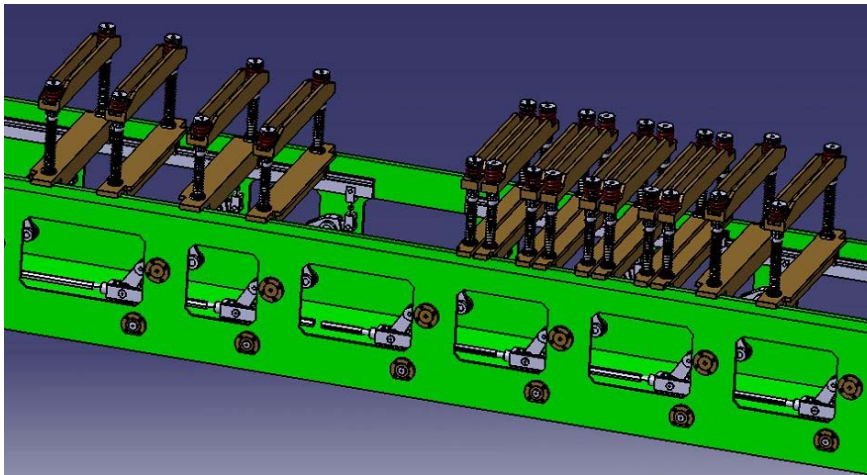


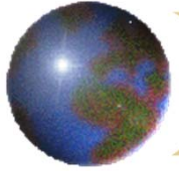
Bottom tape folding area



SA seal drive mechanism

- ✦ “SA” was developed by Nishibe about 20 years ago in order to cope with increasing demand for improved processability on sealing of thick film structures which are today representative of liquid re-fill pouches.
- ✦ In addition, much sturdier structure was demanded in order to resist mechanical stress against high sealing pressures. SA drive succeeded in reducing troubles and stable long runs at high speeds.

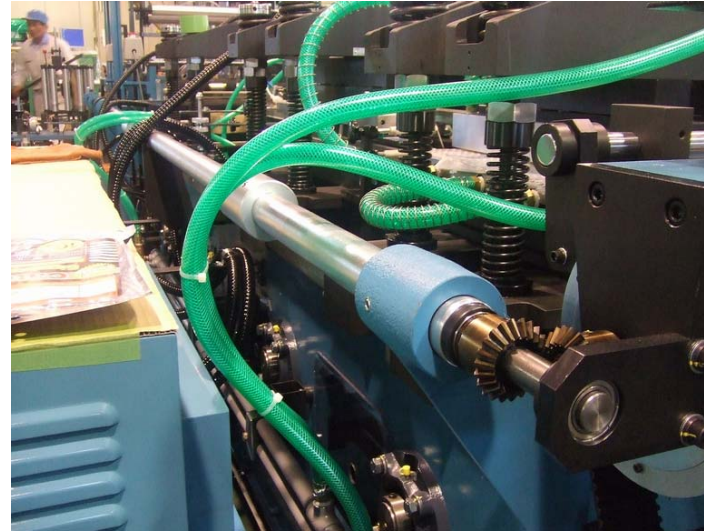


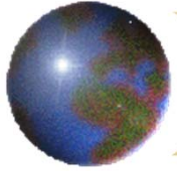


Structure photos



(SS drive)





User-Friendly Operation Touch Panel

