Meeting in IAOM Western Canadian District Meeting,
Date: September 21st, 2017
Henry Gustav Simon (1835 – 1899)

1878 - Founded Henry Simon Ltd
introduced gradual rollermill reduction ‘Simon System’ for McDougal Brothers

1881 - Built the world’s first automatic Simon System mill in Chester

1892 - Over 400 mills constructed
Henry Simon was a principal facilitator of the roller flour milling revolution in the United Kingdom.
A SIMON MILL and one of the largest roller flour mills in Europe
SIMON MILLS grew in size and capacity —
Hosegood Industries Ltd. Mills, Avonmouth [1960s]
SIMON MILLS grew in size and capacity –

We have more than 100 years of experience and we are one of the largest and most progressive milling engineering organisations in the World.
The Arab Republic of Egypt has undertaken a large expansion of their milling industry to reduce the dependence on imported flour.

10 Simon Mills incorporating the latest equipment are being built in key areas throughout the country.

At a recent signing ceremony in Cairo the Minister of Trade said the combined contracts were the largest of their kind in the flour milling industry in Egypt.
Henry Simon Ltd. have supplied Nippon Flour Mills new Nagoya Mill with the most advanced Rollermills and Bin Activators available.

Marusho Flour Mills are a private company supplying the home market. The new 200 tonne mill at Okayma is almost entirely equipped with Simon machinery including ‘J’ Rollermills, ‘S’ mark-6 Purifiers and Wheat Cleaning units.
Simon were responsible for the design, installation and commissioning of the NABISCO flour mill with a daily wheat capacity of 1,400 tonnes. When new it was the largest capacity milling complex ever built in the world. Plant included 72
GERMANY

Launch of ‘K’ type Rollermill. Detmold 1978
HENRY SIMON REFERENCES IN USA AND CANADA

- Moose Jaw, Sask, Canada
- Calgary, Alberta, Canada
- Saskatoon, Sask, Canada
- Humberstone, Ontario, Canada
- Montreal, Que, Canada
- Buffalo, N.Y., USA
- Greenville, Texas, USA
- Detroit, Michigan, USA
- Wabasha, Minnesota, USA
- Ponca City, Oklahoma, USA
- Davenport, Iowa, USA
- New Prague, Minnesota, USA
- St Paul, Minnesota, USA
- Salina, Kansas, USA
- Kansas City, Missouri, USA
- Blackwell, Oklahoma, USA
- Lockport, N.Y., USA
- Clay Center, Kansas, USA
- Newton, Kansas, USA
- New Prague, Minnesota, USA
Designed to procure double treatment on the first break. The wheat is opened out on the upper pair of rolls and so prepared for heavier treatment on the lower pair. Intermediate handling of the stock is reduced to a minimum and more semolina and broader bran is produced.
A HISTORY OF INNOVATION

First Oil Free Belt Differential Drive

HENRY SIMON ROLLERMILL TYPE – XK

Twin Power High Torque Drive Differential is a break through in rollermill design. The Twin Power belt used in the differential drive has been developed after years of research and exhaustive testing.
A HISTORY OF INNOVATION

First Rollermill AutoGap

![Image of first Rollermill AutoGap](image_url)
A HISTORY OF INNOVATION

Chancelot Mill, Edinburgh

First Bulk Loading:

20 tons of flour in 2 minutes
A HISTORY OF INNOVATION

First Mill PLC Automation System

Odlums, Cork Ireland
A HISTORY OF INNOVATION

Wheat Debranning
A HISTORY OF INNOVATION

First Food Grade Plastic Sieves
A HISTORY OF INNOVATION

First Optical Colour Sorter

Satake (Nee-ESM -Electric Sorting Machine Company) developed the first optical sorter in 1931 in Lowell, Michigan.
HISTORY OF INNOVATION

VERTICAL VBF MAIZE DEGERMER

Coarse and Fine Adjustment

Long Lasting Screens

Quick Change Screen Cartridge

Adjustable Resistance Bars

Compact feed roll & Improved Clutch
HENRY SIMON FACTORY IN 1905

Erecting Shop

Painting Shop

Wood Working Shop

Machine Shop
Sataké, Alapala form strategic partnership

HIROSHIMA, JAPAN — Sataké Corp. and Alapala Machine Industry & Trade Inc. announced on June 29 that the companies have signed a strategic partnership agreement. This partnership is an opportunity for both companies to combine their expertise, resources, experiences and sales networks. The partnership will include mutual licensing for manufacturing, joint product development, mutual distribution, and joint sales and marketing promotion.

“We are pleased to have the opportunity to expand our global businesses in the grain industries by combining our considerable strengths in R&D, manufacturing, marketing, sales and after-sales service within both companies,” said Toshiko Sataké, chairperson of Sataké Corporation.

“With the combined synergies of Alapala and Sataké, this partnership will enable both the companies to offer unique services to the grain industry,” said Görkem Alapala, vice-chairman of Alapala Machine Industry & Trade Inc.

Founded in 1896, Sataké started as an inventor of Japan’s first power driven rice milling machine. Today, Sataké is a global leader in the grain processing technology and produces a comprehensive range of individual machines, integrated systems and total engineering solutions for the processing of rice, wheat and other grains. Sataké has manufacturing and sales bases in eleven countries including Japan, U.S., Brazil, U.K., India, Myanmar, Thailand, Vietnam, Indonesia, China and Australia.

From left, Dr. Toshiko Sataké, Görkem Alapala and Hajime Harada, managing director of Sataké Europe, celebrate the signing of their agreement.

Founded in 1954, Alapala is a global provider of flour mills, maize mills, rice mills, feed mills, silos and storage systems, and steel fabricated mill buildings. Alapala builds turnkey plants of any desired capacity and is one of the top 500 exporters in Turkey, exporting 95% of its production. It has a considerable number of turnkey references in over 85 countries in all the four continents.
SATAKE – ALAPALA STRATEGIC PARTNERSHIP

Satake Corporation and Alapala signed the strategic partnership agreement in 29th of June, 2015. According to this agreement; both sources will be combined and making partnership in 5 different areas. One of decision in this partnership is to produce and marketing of Henry Simon machines in Turkey, Japan and USA.
Behind Henry Simon; There are 3600 employees and 300 R and D engineers.
Satake is making production in Japan, USA, China, Brazil, and Thailand, and with these countries there are sales and after sales offices in India, Indonesia, Bangladesh, Myanmar, UK, and Australia.
History of ALAPALA

1954

Alapala has been founded in Çorum by Mr. Mehmet Alapala, started by manufacturing wooden planers in 1954.
Recent Satake / Alapala collaboration

ALAPALA BUYS FROM SATAKE
- Color Sorters
- Debranner
- Degerminator

SATAKE BUYS FROM ALAPALA
- Plansifter
- Bran finisher
- Air locks
FACTORY

HOW MANY m2 AND PRODUCTION CAPACITY

Total area will be 50,000 m²

15-20 Turn Key Projects per year
WHAT CAN ALAPALA DO?

Electrical Installation and Control Systems

Alapala is one of the only two companies in the world with its own automation department.

1. Electricity project drawings of low tension and compensation systems of mills
2. Design and production of MMC panels
3. Design and production of compensation panels
4. PLC programming and Scada software
5. Computer troubleshooting and program installations
6. After sales services including long distance connectivity

Our suppliers:

- Mitsubishi Electric
- ABB
- Siemens
- Schneider Electric
- Allen-Bradley
CERTIFICATES - ISO - CE, ATEX, UL, CSA Ability

Alapala has:

Alapala used in European projects:

Alapala used in Canadian projects:

Alapala can use (USA – Underwriters Laboratories Safety Standard)
WHERE is HS SOLD

EUROPE
Belgium – Czech – Denmark – Germany – Estonia
Iceland – Greek – Spain – France – Croatia
Switzerland
Cyprus – Luxemburg – Hungary – Malta – Holland
Austria – Poland – Portugal – Slovenia – Slovakia
Finland – Sweden - U.K.

KEY ACCOUNTS
INDIA – CHILE – PARAGUAY – URUGUA –
BOLIVIA – COLOMBIA – ECUADOR – PERU –
VENEZUELLA – SURINAME
ROLLER MILL
## Sensors for Henry Simon ROLLER MILL

<table>
<thead>
<tr>
<th>TYPE</th>
<th>FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotation Sensor for Feed Roll</td>
<td>To alert how/ high rotation of feed roll</td>
</tr>
<tr>
<td>Temperature Sensor for Timing Belt</td>
<td>To alert abnormal high temperature on timing belt</td>
</tr>
<tr>
<td>Temperature Sensor for Main Roll</td>
<td>To alert abnormal high temperature on main roll / To alert temperature gap partially</td>
</tr>
<tr>
<td>Rotation Sensor for Main Roll</td>
<td>To alert stop of main roll</td>
</tr>
<tr>
<td>Air Pressure Sensor</td>
<td>To alert low / high air pressure</td>
</tr>
<tr>
<td>Clogging Sensor</td>
<td>To alert clogging inside lower hopper</td>
</tr>
<tr>
<td>Vibration Sensor for Roll</td>
<td>To alert abnormal vibration of roll</td>
</tr>
</tbody>
</table>
AFTER SALES SERVICE AND SUPPORT

HS will organize after sales service operation in order to create strong customer retention and brand loyalty and to keep the customer lifetime and moreover to increase the efficiency in problem solving. Current Satake After Sales Team will be responsible for this operation and Alapala give support.
AFTER SALES SERVICE AND SUPPORT

- Spare Parts
- Technical Service
- Maintenance
- Repair
- Automation (MIS)
- Replacement
- Training
THANKS

For Watching and Listening