DIVISIONS

- Electrical Engineering
- Architectural Engineering
- Security Technology
- Conveyor Systems
- Media Technology
- Building Automation
- Pneumatic Tube Systems
SUMETZBERGER

- global supplier of pneumatic tube systems
  - headquarter Vienna AUSTRIA
    - established 1921
  - 1961 start with pneumatic tube systems
    - 350 employees
    - represented in more than 60 countries
  - more than 9000 systems installed worldwide
# Pneumatic Tube Systems

## Sumetzberger Partner Network

### Headquarter

<table>
<thead>
<tr>
<th>Ing. Sumetzberger GmbH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leberstr. 108</td>
</tr>
<tr>
<td>1110 Vienna, Austria</td>
</tr>
<tr>
<td>Tel.: +43 1 740 35</td>
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<tr>
<td>Fax. +43 1 740 35 300</td>
</tr>
<tr>
<td>E-mail: <a href="mailto:pt.sales@sumetzberger.at">pt.sales@sumetzberger.at</a></td>
</tr>
<tr>
<td>Web: <a href="http://www.sumetzberger.at">www.sumetzberger.at</a></td>
</tr>
</tbody>
</table>

### Latin American Support Center

<table>
<thead>
<tr>
<th>Barrantes de Flores, Heredia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Costa Rica</td>
</tr>
<tr>
<td>Mobile: +506 8869 0467</td>
</tr>
<tr>
<td>Fax: +506 2265 0985</td>
</tr>
<tr>
<td>E-Mail: <a href="mailto:f.ruiz@sumetzberger.at">f.ruiz@sumetzberger.at</a></td>
</tr>
<tr>
<td>Web: <a href="http://www.sumetzberger.at">www.sumetzberger.at</a></td>
</tr>
</tbody>
</table>

### South East Asia Support Center

| 25, Jalan 13/10, Taman Koperasi Polis 1, |
| 68100, Batu Caves, Kuala Lumpur, Malaysia |
| Tel:+60 (12) 3280 732 |
| Fax: +60 (3) 6185 0008 |
| Email: yap@sumetzberger.at |
| Website: www.sumetzberger.com |
# Pneumatic Tube Systems

**SUMETZBERGER Partner Network**

*more than 50 distributors in 60 countries*

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| Angola | Egypt | Iran | New Zealand | South Africa | Spain | Switzerland | Sweden | T | Taiwan | Thailand | Turkey | U | U.A.E. | U.S.A. | Ukraine | United Kingdom | Vietnam | |
| Australia | El Salvador | Israel | Oman | Somali | South Korea | Spain | Switzerland | Sweden | T | Taiwan | Thailand | Turkey | U | U.A.E. | U.S.A. | Ukraine | United Kingdom | Vietnam | |
| Austria | Estonia | Italy | Pakistan | Peru | Latvia | Lithuania | Malaysia | Mexico | Morocco | Namibia | Netherlands | New Zealand | South Africa | Spain | Switzerland | Sweden | T | Taiwan | Thailand | Turkey | U | U.A.E. | U.S.A. | Ukraine | United Kingdom | Vietnam | |

*Sumetzberger*
Manufacturing of Pneumatic Tube Systems for Hospitals
Manufacturing of Pneumatic Tube Systems for Hospitals and Industries
Manufacturing of Pneumatic Tube Systems for

Hospitals
Industries
Administration
Manufacturing of Pneumatic Tube Systems for

Hospitals
Industries
Administration
Banks
Manufacturing of Pneumatic Tube Systems for

Hospitals
Industries
Administration
Banks
Retailer

PNEUMATIC TUBE SYSTEMS
PNEUMATIC TUBE SYSTEMS

Manufacturing of Pneumatic Tube Systems for

Hospitals
Industries
Administration
Banks
Retailer
Pharmacies
Manufacturing of Pneumatic Tube Systems for

Hospitals
Industries
Administration
Banks
Retailer
Pharmacies
Tollgates
Current allocation of PTS applications

- Hospitals: 60%
- Banks: 16%
- Supermarkets: 12%
- Pharmacies: 5%
- Admin.: 5%
- Industry: 2%
- Others: 0.08%
Example layout
Energy sufficient Air Supply

High Performance Low Energy Consumption

- 8m³/min on 3kVA input power
- frequency controlled to ensure an economical low energy consumption
- Advanced turbine design for enhanced air flow
- Dynamic Section Speed Control
Diverter

Features
- self-adjusting, maintenance-free gaskets
- “soft” drive by V-belts
- non contact positions sensors
- air-tight, smooth connection of the tubes
- super-sized motor
- solid state motor controller with electronic overload protection
- fully steel cover
PNEUMATIC TUBE SYSTEMS

System components: STATION

560 x 480 x 495mm (h x w x d)
System components: STATION

1120 x 480 x 500mm (h x w x d)

1130 x 475 x 381mm (h x w x d)
PNEUMATIC TUBE SYSTEMS

System components: STATION

775 x 474 x 495mm (h x w x d)

2357 x 589 x 360mm (h x w x d)
System components: STATION

- 7” touch display with multifunctional operation screens
- Individual programmable user profiles and customized hotkeys
- Touch panel operation via finger, safety gloves or styluses

1076 x 931 x 540mm (h x w x d)
PNEUMATIC TUBE SYSTEMS

AutoUnload station: Integration with Laboratory Automation

Video_Autounload2011_en_lang_ohne.wmv
PNEUMATIC TUBE SYSTEMS

AutoUnload station: Integration with Pharmacy Automation
System components: CARRIER
PTS – Intelligent Carrier

• Carrier access from both ends
• Swivel on top side prevents open sending
• both side RFID coded for control & identification
• Sealed to prevent leakage
System components: CONTROL UNIT

PowerControl „All in One“

MP10000
System components: SOFTWARE
PNEUMATIC TUBE SYSTEMS

System components: TRANSFER UNIT

POWER TRANSFER
The MULTIPLE STORAGE
HIGH PERFORMANCE SOLUTION

Sumetzberger®
SOME REFERENCE PROJECTS
KFSH King Faisal Specialist Hospital & RC
Riyadh – Saudi Arabia

- Biggest PTS Project in the Middle East
- 160 mm Tubing System
- 7.0 Kilometers Tubes
- 9 Zones
- 118 Stations
The New University Hospital in Aarhus, Denmark

- fully completed in 2019
- 160 mm Tubing System
- 15 Kilometers Tubes
- 4 PowerTransfer Units
- 165 Stations
- AutoUnload
University Medical Center Hamburg-Eppendorf

Germany

- **Tube diameter NW160**
  - 26 Zones / 120 Stations
- **Tube diameter NW110**
  - 3 Zones / 7 Station
- System Power Control
- **Features:**
  - Multi Carrier Transport
  - Power Transfer
  - AutoUnload
- 12 Kilometers Tubes
KLINIJKUM-KLAGENFURT am WÖRTERSEE

Austria

- Realization: 2010
- Number of beds: 1400
- Number of stations: 200
- Zones: 92
- Daily transactions: 3000
- Tube diameter: NW160 +110
- Tube length: 16000m
Royal Victoria & Belfast City Hospitals

Belfast – Ireland

- Realization: 2001-2007
- Number of beds: 1000 (RVH) + 1500 (BCH)
- Number of stations: 180
- Zones: 22 / 180 Stations
- Daily transactions: 2500
- Tube diameter: NW160
- Tube length: 12000m
Jaber Ahmed Al-Jaber Al-Sabah Hospital

Kuwait

- Realization: 2014
- Number of beds: 1200
- Number of stations: 90
Social Medical Centre East

Vienna – Austria

- Realization: 1985-1994
- Number of beds: 1100
- Number of stations: 256
- Number of zones: 27
- Tube length: 10000 m
- Daily transactions: 1450
- Other systems: AGV
Tan Tock Seng Hospital
Singapore

- 160 mm Tubing System
- 3.5 Kilometer Tubes
- 11 Zones
- 83 Stations
Fairview Southdale Hospital
Minneapolis – USA

- 160 mm Tubing System
- 1 Kilometer Tubes
- 4 Zones
- 27 Stations
University Malaya Medical Centre
Kuala Lumpur – Malaysia

- Number of beds: 1200
- Number of stations: 78
- Number of zones: 7
- Tube length: 3000m
New Academic Hospital

Durban – South Africa

- 160 mm Tubing System
- 4.5 Kilometer Tubes
- 12 Zones
- 73 Stations
Prince of Wales Hospital

Australia

- Realization: 1997
- Number of beds: 850
- Number of stations: 36
- Number of zones: 5
- Tube length: 3000 m
General Hospital Rosenheim

Germany

- Realization: 1996-1997
- Number of beds: 700
- Number of stations: 54
- Number of zones: 4
- Tube length: 2000 m
St. Anthonies Hospital

Oklahoma City

- Realization: 1997
- Number of stations: 14
- Number of zones: 2
- Tube length: 950 m
Why choose Sumetzberger:

- soft transport of goods
- Option: secured receive for secret sendings
- Option: secured transit with PIN code
- system according to German, American and British Standards (UL, CE, EMC, HTM2009)

system meets customer‘s requirements!
Why choose Sumetzberger:

- distributed microprocessor control
- proximity position detection
- optical carrier detection
- electronic motor control
- Option: fibreoptic links between buildings

well proven technology for excellent safety in operation!
PNEUMATIC TUBE SYSTEMS

Why choose Sumetzberger:

• Intelligent management of empty carriers
• Flexible design of system configuration
• Option: Multiple carrier transport

causes higher throughput!
Why choose Sumetzberger:

- systems up to 30 zones and 280 stations are in operation
- companies experience in satisfying customers in the United States, Europe, Asia, Australia, Africa and all over the world
- more than 45 years experience in pneumatic tube systems

more experience!
Why choose Sumetzberger:

**3 stages of service:**

- self diagnostic and information system
- remote diagnostic through modem
- technicians on call
- full spare part storage locally available

**excellent reliability!**
Why choose Sumetzberger:

- system meets customer’s requirements!
- excellent safety in operation!
- state of the art central PC-monitoring!
- higher throughput!
- more experience!
- excellent reliability!
OUR AIM IS TO DELIVER

the Most Flexible
the Most Advanced
Pneumatic Tube System
with
the Best Risk Management
to you

Or simply
BEST VALUE
THANK YOU!