Upgrade your stations to business class

Platform Screen Doors PSD
Project Reference List
Higher degree of economic efficiency

Enhanced safety

More convenience

More space on the platform

Increased train frequency

Improved reliability and punctuality

Increase in attractiveness of the station

BENEFITS OF GILGEN PSD

a safe investment in the future of public transport
PSD System Types

PSD full-height (PSDF)
- Fully physical separation of platform to track area (maximum safety)
- Absorption of noise and dust from track area
- Sealing of air-conditioned platform from track area

PSD half-height (PSDH)
- Stand-alone up to 1.7 meter
- No threshold for sliding doors required
- Installation procedure according to the plug-in principle
- Efficient solution for upgrading of existing stations
- Applicable for outside stations
Worldwide - PSD Support & Maintenance
### Overview

Completed & running PSD projects

<table>
<thead>
<tr>
<th>Project</th>
<th>SOW</th>
<th>Qty</th>
<th>Total Length of Platform (m)</th>
<th>Realization Phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glasgow, Subway Circle Line</td>
<td></td>
<td>198</td>
<td>1'340</td>
<td>2016 - 2022</td>
</tr>
<tr>
<td>Stockholm, C9557 - Maintenance Contract City Line</td>
<td></td>
<td>(168)</td>
<td></td>
<td>2016 - 2021</td>
</tr>
<tr>
<td>Toulouse, Line A - Modernisation &amp; Extension</td>
<td></td>
<td>216</td>
<td>490</td>
<td>2016 - 2019</td>
</tr>
<tr>
<td>Rennes, Line B</td>
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<td>180</td>
<td>1'080</td>
<td>2016 - 2019</td>
</tr>
<tr>
<td>Stockholm, C9557 - City Line</td>
<td></td>
<td>168</td>
<td>1'530</td>
<td>2013 - 2016</td>
</tr>
<tr>
<td>Hong Kong M1038 – Maintenance Contract at Urban Lines (KTL, TWL, ISL, WRL &amp; TKE)</td>
<td>(5'030)</td>
<td></td>
<td></td>
<td>2013 - 2019</td>
</tr>
<tr>
<td><strong>Hong Kong, C1154 (SCL &amp; MOL - Retrofit)</strong></td>
<td></td>
<td>560</td>
<td>720</td>
<td>2013 - 2017</td>
</tr>
<tr>
<td>Hong Kong, C754 (WIL, SIL, KTE)</td>
<td></td>
<td>450</td>
<td>60</td>
<td>2010 - 2016</td>
</tr>
<tr>
<td>Ningbo, Metro Line 1</td>
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<td>●</td>
<td>720</td>
<td>2010 - 2013</td>
</tr>
<tr>
<td>Hong Kong M970 - Maintenance Contract at Urban Lines (KTL, TWL &amp; ISL)</td>
<td></td>
<td></td>
<td>(3’100)</td>
<td>2007 - 2013</td>
</tr>
</tbody>
</table>

**Abbreviations:**

PSD = Platform Screen Doors

PSDF = PSD Full-height

PSDH = PSD Half-height

SOW = Scope Of Work

● Limited SOW: Project Management, conceptual system design, technical support in design - production - installation & commissioning, delivery of PSD core-modules and key components
## Overview: Completed & running PSD projects

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<tr>
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</thead>
<tbody>
<tr>
<td>Beijing, Changping Line</td>
<td>●</td>
<td>240</td>
<td>2'260</td>
<td>2009 - 2012</td>
</tr>
<tr>
<td>Guangzhou, Guang Fo Line</td>
<td>●</td>
<td>672</td>
<td>3'200</td>
<td>2009 - 2012</td>
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<tr>
<td>Shanghai, Line 2 - West Extension</td>
<td>●</td>
<td>280</td>
<td>1'280</td>
<td>2009 - 2010</td>
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<tr>
<td>Shanghai, Line 9 - Phases 2 &amp; 3</td>
<td></td>
<td>780</td>
<td>3'640</td>
<td>2008 - 2010</td>
</tr>
<tr>
<td>Taipei Taoyuan International Airport Access MRT System</td>
<td>●</td>
<td>192</td>
<td>4'400</td>
<td>2008 - 2012</td>
</tr>
<tr>
<td>Paris, Line 1 &amp; 13 (Retrofit)</td>
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<td>1'389</td>
<td>6'945</td>
<td>2007 - 2013</td>
</tr>
<tr>
<td>Beijing Line 10, OSBL</td>
<td>●</td>
<td>192</td>
<td>904</td>
<td>2006 - 2008</td>
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<tr>
<td>Shanghai, Line 9 - Phase 1</td>
<td>●</td>
<td>600</td>
<td>2'800</td>
<td>2005 - 2006</td>
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<tr>
<td>Paris Line 13 - (Pilot Project)</td>
<td></td>
<td>15</td>
<td>78</td>
<td>2005 - 2006</td>
</tr>
</tbody>
</table>

### Abbreviations:

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- **PSDF** = PSD Full-height
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<td></td>
<td></td>
<td></td>
<td>PSDF</td>
<td>PSDH</td>
</tr>
<tr>
<td><strong>Taipei, Red &amp; Blue Line (Retrofit)</strong></td>
<td>●</td>
<td>144</td>
<td>800</td>
<td></td>
</tr>
<tr>
<td>Taipei, Muzha Line (Neihu)</td>
<td>●</td>
<td>192</td>
<td>2'640</td>
<td></td>
</tr>
<tr>
<td>Hong Kong, AIR &amp; AWE, TKS</td>
<td></td>
<td>140</td>
<td>816</td>
<td></td>
</tr>
<tr>
<td>Kaoshiung, Red &amp; Orange Line</td>
<td>●</td>
<td>672</td>
<td>7'280</td>
<td></td>
</tr>
<tr>
<td><strong>Hong Kong, KTL, TWL &amp; ISL (Retrofit)</strong></td>
<td></td>
<td>2'960</td>
<td></td>
<td>13'500</td>
</tr>
<tr>
<td>New York, AirTrain JFK</td>
<td></td>
<td>160</td>
<td>1'400</td>
<td></td>
</tr>
<tr>
<td>Lille, Line 2</td>
<td></td>
<td>60</td>
<td>520</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td>9'650</td>
<td>3'474</td>
<td></td>
</tr>
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**Abbreviations:**  
PSD = Platform Screen Doors  
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SOW = Scope Of Work  

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United Kingdom - GLASGOW
Subway Circle Line

PSD half-height bijou®
(Retrofit)

15 Stations / 33 Platforms
1'340 m
Sweden - STOCKHOLM C9557 - Maintenance Contract at City Line
France - TOULOUSE Line A
Modernisation & Extension

PSD full-height
18 Stations / 36 Platforms
1’872 m
France - RENNES Line B

PSD full-height
15 Stations / 30 Platforms
1’080 m
Sweden - STOCKHOLM
C9557, City Line

PSD full-height
2 Stations / 6 Platforms
1'530 m
China - HONG KONG
M1038 - Maintenance Contract
at Urban Lines
(KTL, TWL, ISL, WRL & TKE)
China - HONG KONG
C1154, (SCL & MOL - Retrofit)

PSD full-height & half-height
16 Stations / 32 Platforms
6’400 m
China - HONG KONG
C754, (WIL, SIL & KTE)

PSD full-height
8 Stations / 15 Platforms
2’115 m
China - HONG KONG
C754, (SIL)

PSD half-height
2 Stations / 4 Platforms
300 m
China - BEIJING
Changping Line

PSD full-height & half-height
10 Stations / 20 Platforms
2'260 m
China - GUANGZHOU
Guang Fo Line

PSD full-height
21 Stations / 42 Platforms
3’200m
China - SHANGHAI
Line 2 - West Extension

PSD full-height
3 Stations / 7 Platforms
1'280m
China - SHANGHAI
Line 9 - Phases 2 & 3

PSD full-height
13 Stations / 26 Platforms
3'640m
France - PARIS
Line 1

PSD half-height bijou®
(Retrofit)
25 Stations / 53 Platforms
4'770 m
France - PARIS
Line 13

PSD half-height bijou®
(Retrofit)
13 Stations / 29 Platforms
2'175m
China - BEIJING  
Line 10, Olympic Sub Branch  
Line OSBL

PSD full-height  
4 Stations / 8 Platforms  
904 m
China - SHANGHAI
Line 9 - Phase 1

PSD full-height
9 Stations / 20 Platforms
2’800 m
France - PARIS
Line 13 - Pilot installation

PSD half-height (Retrofit)
1 Station / 1 Platform
78 m
Taiwan - TAIPEI
Red & Blue Line

PSD half-height (Retrofit)
3 Stations / 6 Platforms
840 m
Taiwan - TAIPEI
Muzha Line (Neihu)

PSD full-height
12 Stations / 24 Platforms
2’640 m
China - HONG KONG
Airport Express Line & TKS Line

PSD full-height (Retrofit)
3 Stations / 4 Platforms
816 m
Taiwan - KAOHSIUNG
Red & Orange Line

PSD full-height
28 Stations / 56 Platforms
7’280 m
China - HONG KONG
KTL, TWL & ISL Lines

PSD full-height (Retrofit)
30 Stations / 74 Platforms
13'500 m
USA - NEW YORK
AirTrain JFK

PSD full-height
10 Stations / 20 Platforms
1’400 m
France - LILLE
Line 2

PSD full-height
5 Stations / 10 Platforms
520 m
France - TOULOUSE
Line A

PSD full-height
18 Stations / 36 Platforms
1'382 m
Gilgen Door Systems
Your partner for innovative & customised PSD solutions

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