FLOCON
LADLE SLIDE GATE SYSTEM &
REFRACTORIES
FLOCON LADLE SLIDE GATE SYSTEM & REFRACTORIES

Simplicity of design, operational efficiency and economy have been instrumental in making Flocon Slide Gate Systems the most widely used systems globally for teeming of steel.

Flocon systems are in operation in more than 30 major steel producing countries and millions of tons of steel are teemed through Flocon slide gate systems year after year.

We offer complete design, manufacture, installation and commissioning of equipments, hydraulics and Refractories for ladle in a wide range of models.

We supply refractories for Flocon and Krosaki as well as other popular International systems.

Range of Flocon Slide Gate Systems:

Model 3150 - Popular model for mini-mills. Bore upto 38 mm and 76 mm stroke.

Model 4200 - Bore up to 50 mm and 114 mm stroke.
Model 6300 - Bore up to 75 mm and 152 mm stroke.
Model 1406 - Bore up to 63 mm and 145 mm stroke.

The Gate Valve Plates are supplied ready to use in Alumina, Alumina-Carbon, Alumina-Zircon-Carbon, Alumina Magnesia Spinel and Magnesia-Carbon qualities.

Advanced cement and insert repair techniques, provide optimum cost benefit leading to highly efficient cost per ton operation.

Spring development has led to the use of finest heat resistant coil springs and now all the latest systems use thermo-dynamic elements which are gas filled springs for most reliable operation for long teeming times. The current spring configuration is fully encircling at both teeming and shut-off positions.

ENCLOSED SPRING CARRIAGE MECHANISM USING SYMMETRICAL PLATES MODEL 4200/6300 SERIES II

RANGE OF MODELS WITH CHARACTERISTIC FEATURES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>RECOMMENDED MAXIMUM BORE SIZE (MM)</th>
<th>REFRAC'TORY PLATE TYPE</th>
<th>COLLECTOR NOZZLE TYPE</th>
<th>OVERALL DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4200</td>
<td>55</td>
<td>4200</td>
<td>4200</td>
<td>A 610</td>
</tr>
<tr>
<td>6300</td>
<td>80</td>
<td>6300</td>
<td>6300</td>
<td>B 610</td>
</tr>
<tr>
<td>1406</td>
<td>63</td>
<td>4200</td>
<td>6300</td>
<td>C 780</td>
</tr>
<tr>
<td>4200 II S</td>
<td>45</td>
<td>3150</td>
<td>4200</td>
<td>D 610</td>
</tr>
<tr>
<td>6300 II S</td>
<td>63</td>
<td>4200</td>
<td>6300</td>
<td>E 610</td>
</tr>
<tr>
<td>3150</td>
<td>38</td>
<td>3150</td>
<td>3150</td>
<td>F 490</td>
</tr>
</tbody>
</table>

Note: Overall dimensions in mm.