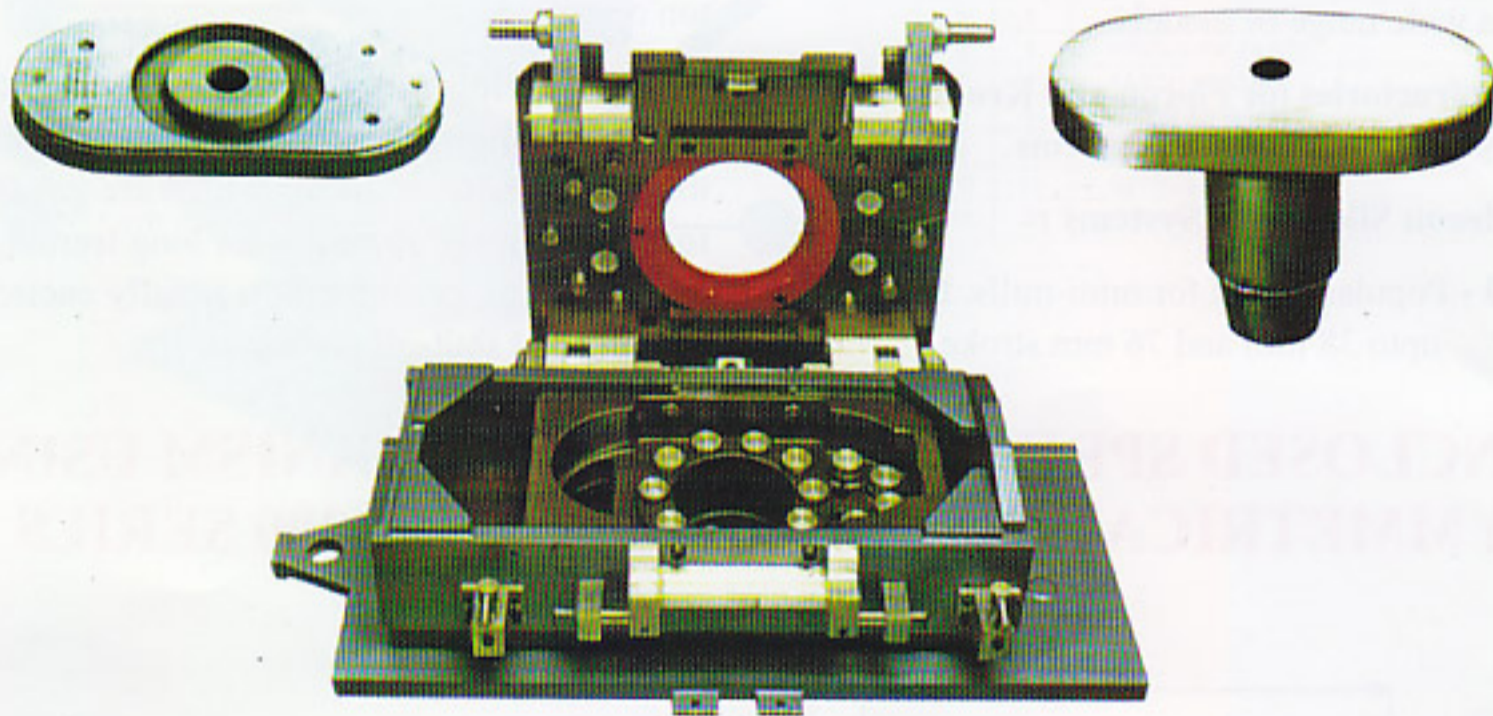


# FLOCON LADLE SLIDE GATE SYSTEM & REFRACTORIES



# 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.

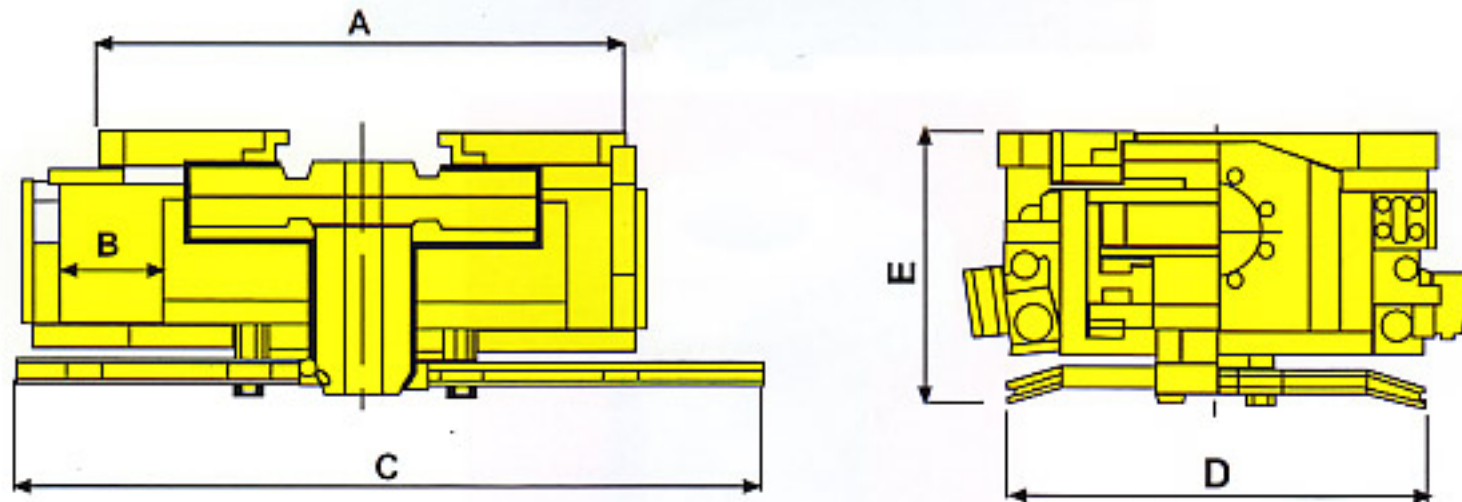
**Model 1406** - Bore up to 63 mm and 145 mm stroke.

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.

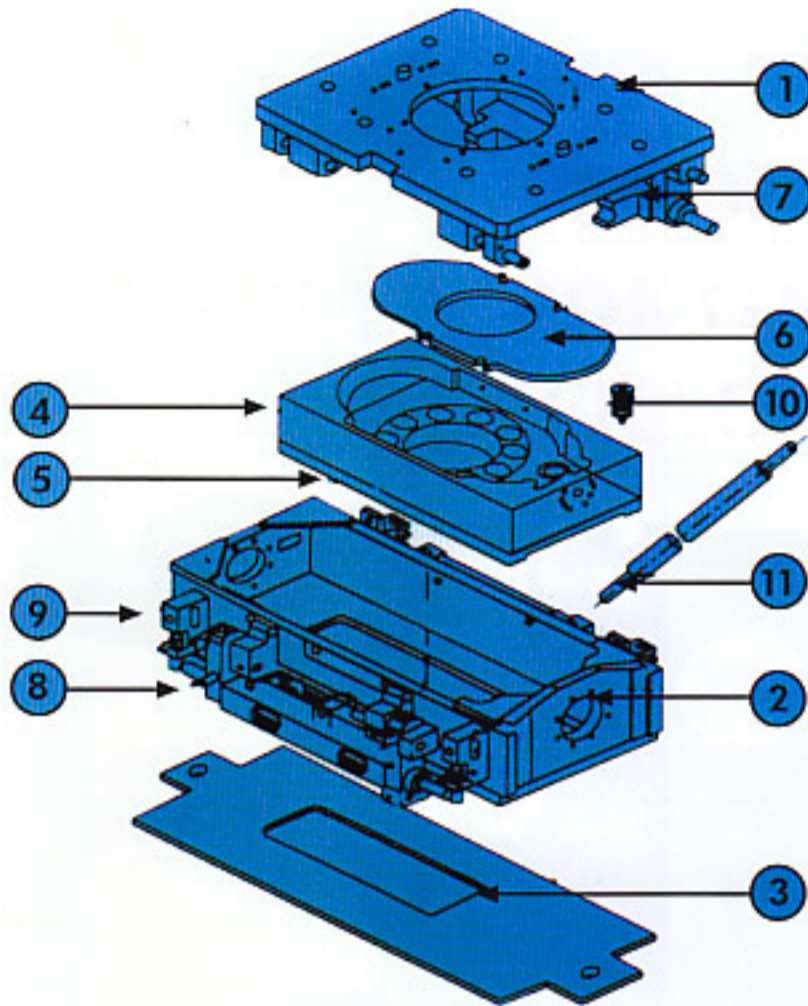
## ENCLOSED SPRING CARRIAGE MECHANISM USING SYMMETRICAL PLATES MODEL 4200/6300 SERIES II



### RANGE OF MODELS WITH CHARACTERISTIC FEATURES

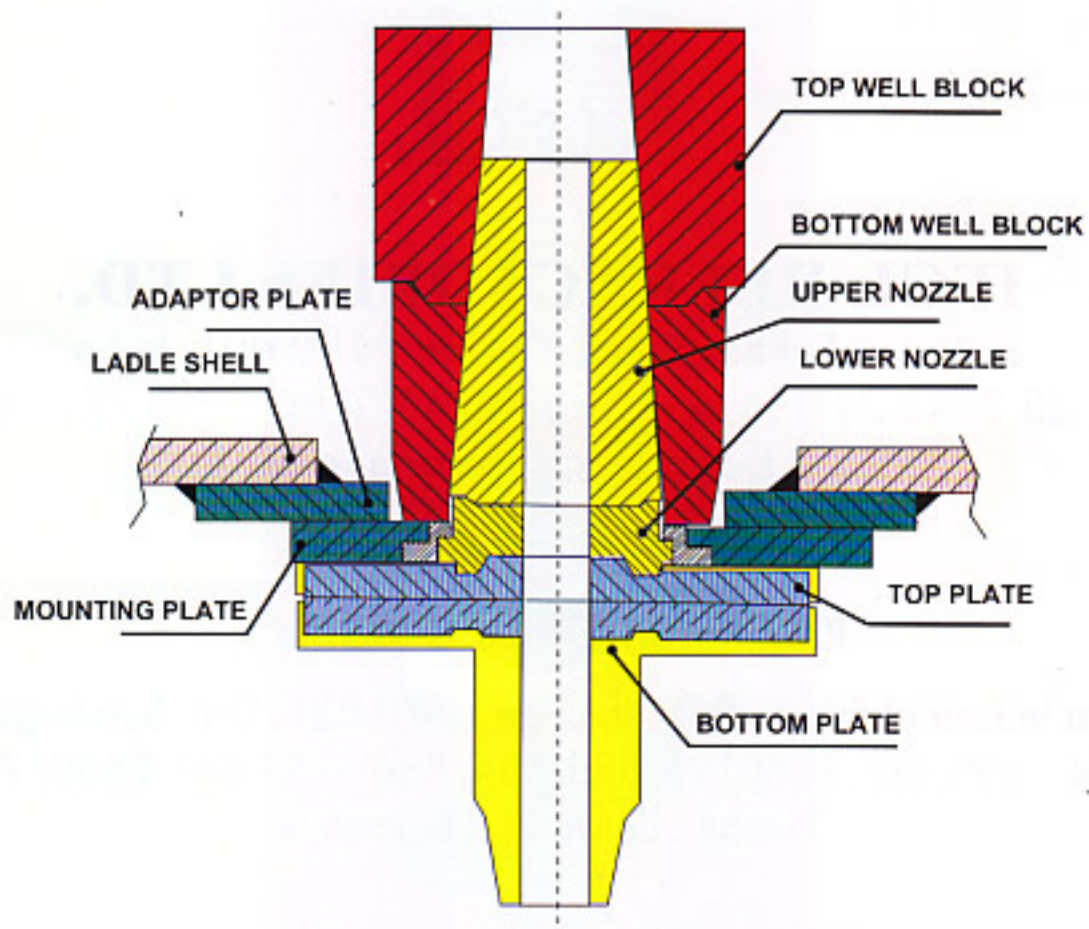
MODEL	RECOMMENDED MAXIMUM BORE SIZE (MM)	REFRACTORY PLATE TYPE	COLLECTOR NOZZLE TYPE	OVERALL DIMENSIONS				
				A	B	C	D	E
4200 Series II	55	4200	4200	610	114	860	470	310
6300 Series II	80	6300	6300	610	152	1120	480	310
1406	63	4200	6300	780	145	968	500 600 Auto Close	300
4200 II S	45	3150	4200	610	114	860	470	310
6300 II S	63	4200	6300	610	152	1120	480	310
3150	38	3150	3150	490	76	711	407	305

# FLOCON MECHANISM : EXPLODED VIEW



SL. NO.	NO. OFF	DESCRIPTION
1	1	MOUNTING PLATE ASS'Y
2	1	FRAME ASSEMBLY WITH FRAME BOTTOM
3	1	SLIDING HEAT SHIELD
4	1	CARRIER TOP
5	1	CARRIER BOTTOM
6	1	PRESSURE PLATE
7	1	LATCH ASSEMBLY
8	1	HINGE ASSEMBLY
9	1	HINGE RETAINER
10	14	SPRING / T.D.E.
11	2	CLOSING BAR

## 6300 MODEL SLIDE GATE ASSEMBLY TOP & BOTTOM PLATE, UPPER & LOWER NOZZLE TOP & BOTTOM WELL BLOCK.



**Head & Corporate Office**



**IFGL REFRACTORIES LTD.**

3, Netaji Subhas Road, Kolkata - 700 001, India

Tel: +91 33 2248 2411, Fax: +91 33 2243 0886, +91 33 2248 0482

E-mail : ifgl@bajoria.in

**Registered Office & Works :**

Sector 'B' Kalunga Industrial Estate, P.O. Kalunga - 770 031, Dist. Sundergarh, Orissa, India

Tel : +91 661 2660195/583/584, Fax : +91 661 2660173

E-mail : ifglworks@bajoria.in

Website : [www.bajoria.com](http://www.bajoria.com), [www.ifglref.com](http://www.ifglref.com)