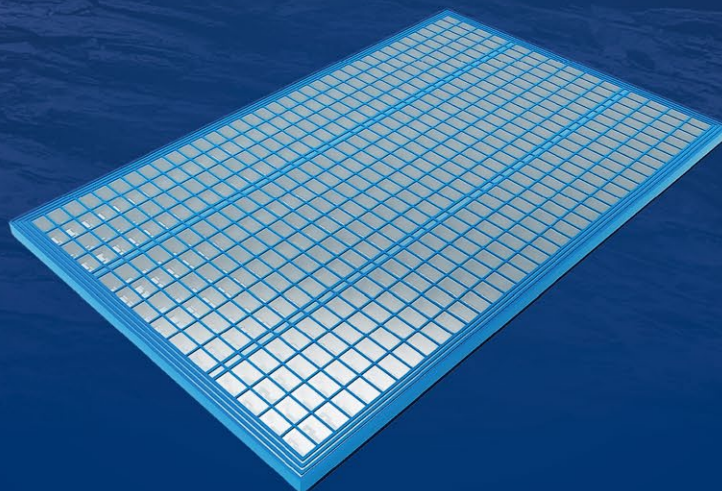


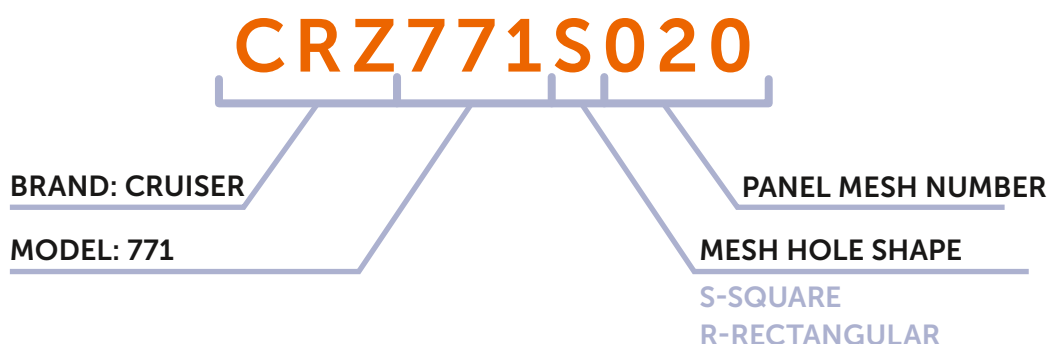


NEFTEKAMSK MACHINERY PLANT  
OF SPECIAL EQUIPMENT



SCREEN PANELS FOR SHALE SHAKERS

**CRUISER**  
**MK 771**



### OPERATING PRINCIPLE

Screen panels are designed to be installed on shale shakers used to clean the drilling mud from cuttings when drilling oil and gas wells.

NKMZ-ST, Ltd. produces CRUISER MK 771 screen panels with a wide range of mesh numbers for shale shakers of its own production, CRUISER brand, and compatible with the CQ-2, ZS/Z-2 (PRC) shale shakers. The production of screen panels is carried out on specialized equipment that provides the specified quality and required performance.

### DESIGN

CRUISER MK 771 model screen panel for shale shakers CQ-2, ZS/Z-2 (PRC) is a metal frame covered with

a composite material. The mesh cloth is based on foreign mesh made of stainless steel SS 316L. In the production of screen panels, a four-sided tension of the screen cloth is used, which significantly increases the service life of the panel.

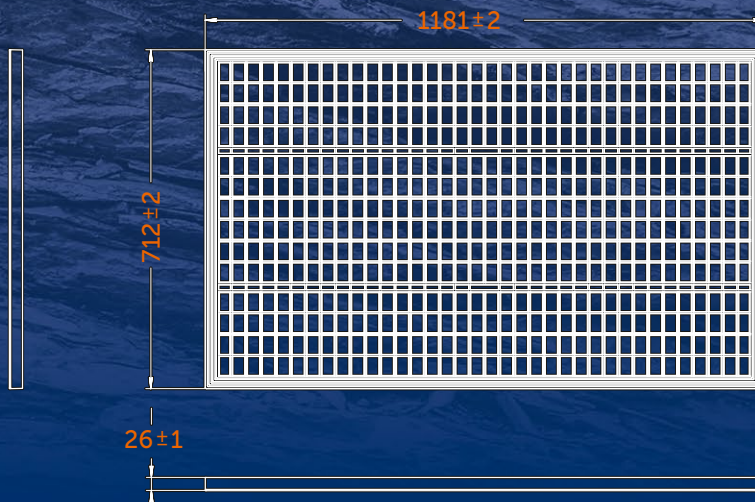
### EQUIPMENT

The panels are equipped with two or three layers of metal mesh with square or rectangular shapes of apertures, the combination of which provides more economical and high-quality cleaning of the drilling mud.

The cellular structure of the panel divides the screen cloth into separate sections to prevent damage from spreading. To extend the life of the screen panels, it is possible to use repair plugs to isolate damaged cells.

SCREEN PANELS FOR SHALE SHAKERS

# CRUISER MK 771



## SCREEN PANELS LINE

Nº	NKMZ-ST description	d100, micron	Mesh	API	Aperture shape	Conductance, kD/mm	Non-blanked area, sq.m
1	CRZ771S020	849	20	20	Square	12.54	0.54
2	CRZ771S024	910	24	20	Square	12.3	0.54
3	CRZ771S038	550	38	30	Square	12.72	0.54
4	CRZ771S040	550	40	30	Square	12.72	0.54
5	CRZ771S050	398	50	40	Square	8.81	0.54
6	CRZ771S060	323	60	50	Square	6.73	0.54
7	CRZ771R020	1348	20	14	Rectangular	15.48	0.54
8	CRZ771R024	1348	24	14	Rectangular	15.48	0.54
9	CRZ771R038	873	38	20	Rectangular	15.8	0.54
10	CRZ771R040	873	40	20	Rectangular	15.8	0.54
11	CRZ771R050	632	50	30	Rectangular	11.28	0.54
12	CRZ771R060	513	60	35	Rectangular	9.55	0.54
13	CRZ771R070	413	70	40	Rectangular	5.05	0.54
14	CRZ771R080	370	80	45	Rectangular	5.07	0.54
15	CRZ771R084	365	84	45	Rectangular	5.32	0.54
16	CRZ771R100	300	100	50	Rectangular	4.95	0.54
17	CRZ771R105	264	105	60	Rectangular	4.27	0.54
18	CRZ771R110	264	110	60	Rectangular	4.27	0.54
19	CRZ771R120	246	120	60	Rectangular	4.14	0.54
20	CRZ771R140	216	140	70	Rectangular	3.96	0.54
21	CRZ771R160	157	160	100	Rectangular	2.09	0.54
22	CRZ771R165	157	165	100	Rectangular	2.09	0.54
23	CRZ771R170	157	170	100	Rectangular	2.09	0.54
24	CRZ771R180	144	180	100	Rectangular	1.98	0.54
25	CRZ771R200	125	200	120	Rectangular	1.69	0.54
26	CRZ771R210	121	210	120	Rectangular	1.6	0.54
27	CRZ771R230	111	230	140	Rectangular	1.55	0.54
28	CRZ771R250	95	250	170	Rectangular	1.17	0.54
29	CRZ771R260	92	260	170	Rectangular	1.15	0.54
30	CRZ771R270	89	270	170	Rectangular	1.1	0.54
31	CRZ771R320	78	320	200	Rectangular	1.04	0.54
32	CRZ771R325	67	325	230	Rectangular	0.71	0.54

In connection with continuous centrifuge improvement work in order to increase reliability and performance, changes may be made to the design that are not stated in this description.



**Manufacturer: NKMZ-ST, Ltd.**

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