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Rajesh[®]
GROUP

RG SX Series

Hydraulic Shearing Machine



Mfg. of

SHEET METAL MACHINERY

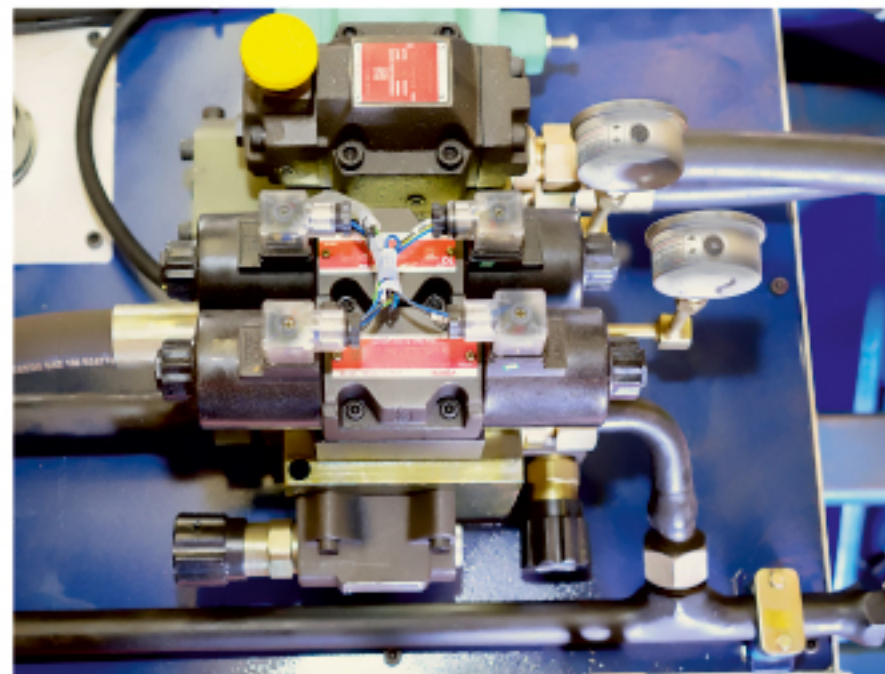
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RG SX Series

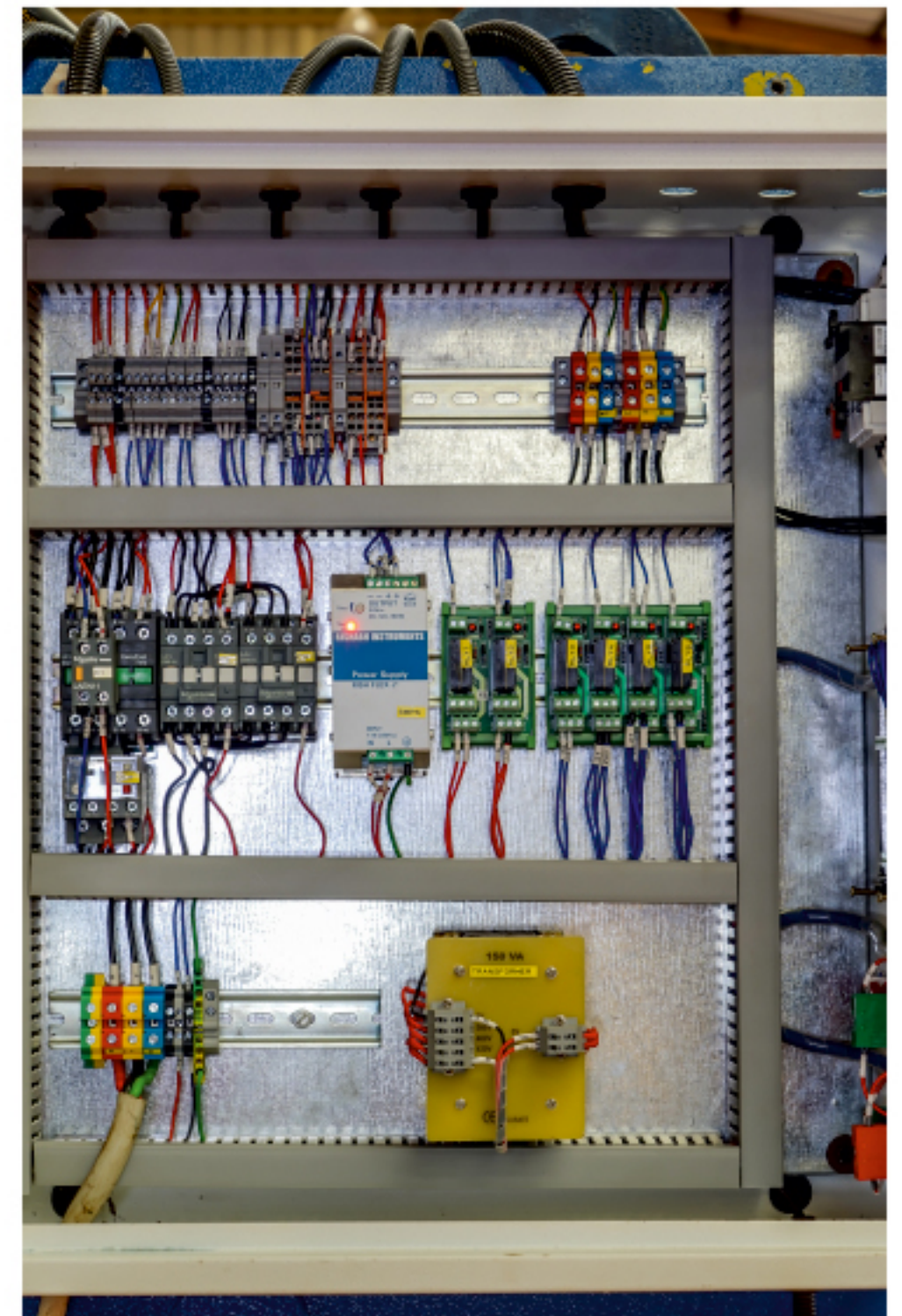
Hydraulic Shearing Machine



Digital touch display controller with multi step backgauge & auto angle adjustment



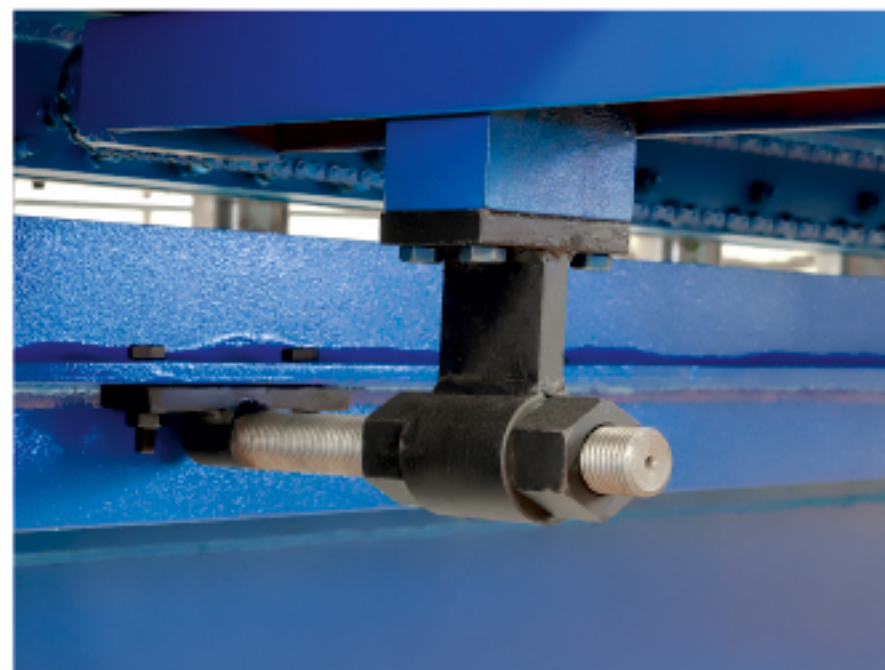
Bosch Rexroth / Yuken Hydraulic system



Electrical panel in-house make



Rapid Blade clearance adjustment



Robust & accurate backgauge fitting

Standard Equipment

- ✔ Guillotine type hydraulically variable rake angle design
- ✔ Rake angle can be adjusted according to material thickness
- ✔ Automatic adjustment of shearing clamping force for various job
- ✔ Front sheet support arm length: 600mm
- ✔ 100mm long table mounted squaring arm
- ✔ Ram guided by 8 hardened & grounded guide rollers
- ✔ Moving beam synchronized by differential cylinder
- ✔ Side levers for quick & easy adjustment of blade gap to ensure clean cuts
- ✔ Sheet clamped hydraulically before cut starts
- ✔ Movable foot-switch to perform operation from safe position
- ✔ Efficient compact design of power pack with minimum piping system
- ✔ All electrical & hydraulic component from reputed make
- ✔ Both blades are made up of premium HCHCR material with all 4 usable edges
- ✔ Backgauge movement by lead screw
- ✔ Heavy duty sheet backgauge stopper

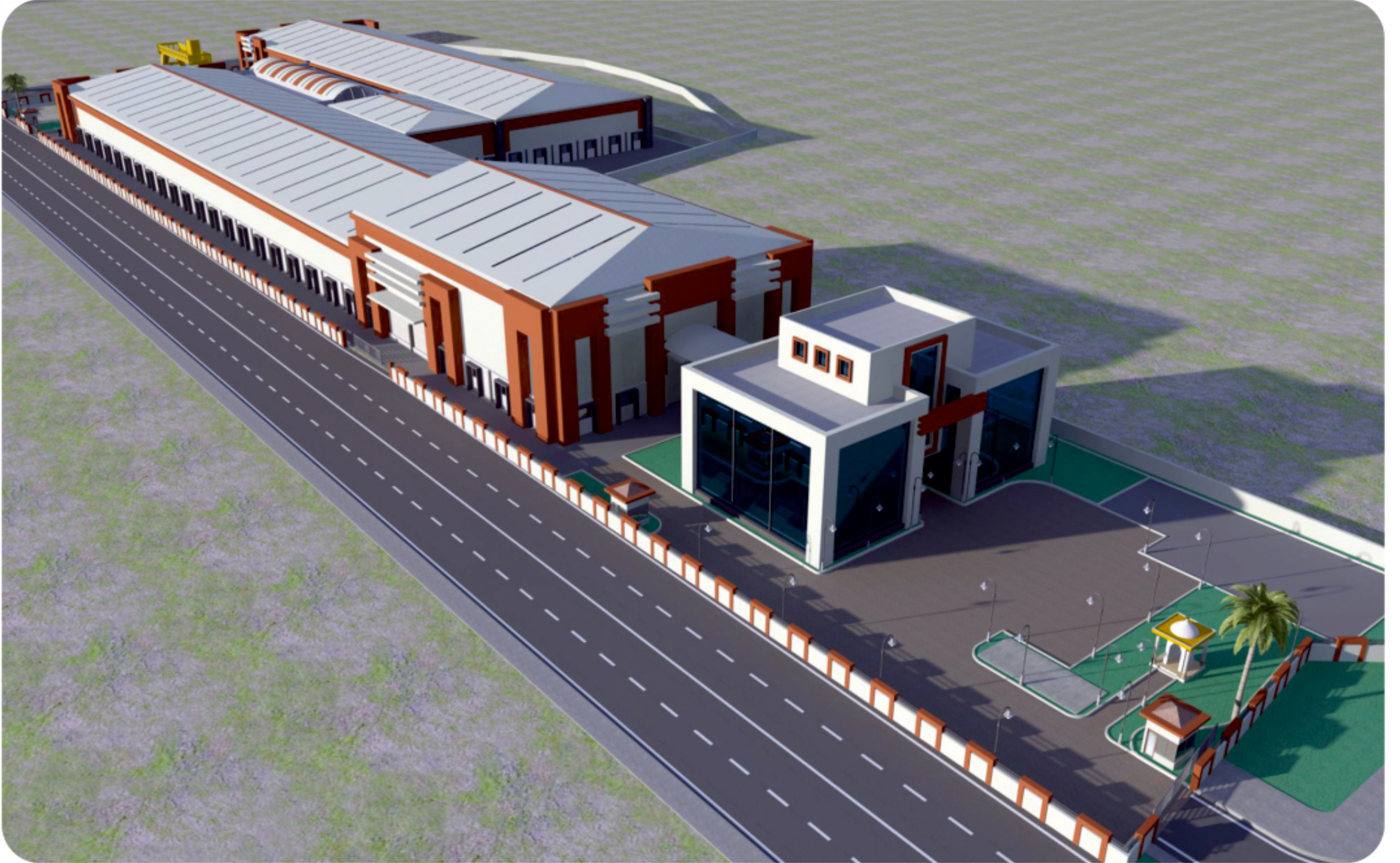
Optional Equipment

- ✔ Digital display controller
- ✔ 7.5" inch touch screen display
- ✔ NC backgauge with ball screw
- ✔ Automatic programming system
- ✔ Front side safety curtains
- ✔ Material handling system
- ✔ High speed AC servo driven backgauge
- ✔ Automatic rear stacking system
- ✔ Suitable for up gradation with special optional features
- ✔ Transfer ball type front table

Technical Characteristic



Model	Machine Size	Cutting Length	Cutting M. S.	Cutting S. S.	Normal Rack Angle in Degree	Rack Angle Range in Degree	Rack Angle Stroke Per Min.		Hold Downs	Holding Force Kgs	Motor HP	Packing Dimension mm (L X W X H)	Approx Weight
							Min.	Max.					
RGSX-1502	1500 X 2	1500	2/2	0.6/1	1°15	0.5-3°	25	25	5	1200	3	2200 X 1300 X 1850	1350
RGSX-2502	2500 X 2	2500	2/2	0.6/1	1°37	0.5-3°	20	20	8	1600	5	2200 X 1300 X 1850	2900
RGSX-1504	1500 X 4	1500	3/3	2/3	1°37	0.5-3°	23	13	5	1600	5	2200 X 1300 X 1850	2800
RGSX-2004	2000 X 4	2000	3/4	2/3	1°37	0.5-3°	19	10	9	2000	5	2200 X 1300 X 1850	2000
RGSX-2504	2500 X 4	2500	3/4	2/3	1°37	0.5-3°	18	10	13	2300	5	3200 X 1850 X 1950	3500
RGSX-3004	3000 X 4	3000	3/4	2/3	1°37	0.5-3°	15	9	16	2500	5	3700 X 1850 X 1950	4400
RGSX-4004	4000 X 4	4000	3/4	2/3	1°37	0.5-3°	12	6	20	3200	7.5	4700 X 1300 X 2250	5500
RGSX-1256	1250 X 6	1255	4/6	3/4	1°37	0.5-3°	28	15	5	4000	5	2000 X 1550 X 2050	2500
RGSX-1506	1500 X 6	1500	4/6	3/4	1°37	0.5-3°	23	13	5	4500	5	2250 X 1850 X 2050	3500
RGSX-2006	2000 X 6	2000	4/6	3/4	1°37	0.5-3°	21	12	9	6200	7.5	2750 X 1850 X 2050	3600
RGSX-2506	2500 X 6	2500	4/6	3/4	1°37	0.5-3°	19	10	13	8000	7.5	3300 X 2250 X 2400	4800
RGSX-3006	3000 X 6	3000	4/6	3/4	1°37	0.5-3°	19	10	16	10000	10	3700 X 2250 X 2400	5500
RGSX-4006	4000 X 6	4000	4/6	3/4	1°37	0.5-3°	15	6	20	12000	10	4700 X 2250 X 2400	7500
RGSX-5006	5000 X 6	5000	4/6	3/4	1°37	0.5-3°	11	4	24	15000	10	5700 X 1900 X 2750	8500
RGSX-6006	6000 X 6	6000	4/6	3/4	1°37	0.5-3°	10	3	28	15000	10	6700 X 1900 X 2850	9500
RGSX-1508	1500 X 8	1500	6/8	4/6	1°45	0.5-3°	21	12	8	6500	10	2250 X 1900 X 2100	3900
RGSX-2008	2000 X 8	2000	6/8	4/6	1°45	0.5-3°	21	11	11	6500	10	2750 X 1900 X 2100	4300
RGSX-2508	2500 X 8	2500	6/8	4/6	1°45	0.5-3°	18	9	13	8500	15	3300 X 2250 X 2500	5600
RGSX-3008	3000 X 8	3000	6/8	4/6	1°45	0.5-3°	16	8	16	10800	15	3800 X 2250 X 2500	6800
RGSX-4008	4000 X 8	4000	6/8	4/6	2°	0.5-3°	22	6	20	13600	20	4800 X 2250 X 2500	8300
RGSX-5008	5000 X 8	5000	6/8	4/6	2°	0.5-3°	18	4	24	16500	20	5700 X 2100 X 2500	12300
RGSX-6008	6000 X 8	6000	6/8	4/6	2°	0.5-3°	14	3	28	19500	20	6700 X 2100 X 2500	15000
RGSX-1510	1500 X 10	1500	8/10	6/8	2°	0.5-3°	23	13	8	10500	10	2250 X 2050 X 2200	5500
RGSX-2010	2000 X 10	2000	8/10	6/8	2°	0.5-3°	17	9	11	12000	15	2750 X 2050 X 2200	6000
RGSX-2510	2500 X 10	2500	8/10	6/8	2°	0.5-3°	17	9	13	16500	20	3300 X 2350 X 2600	7000
RGSX-3010	3000 X 10	3000	8/10	6/8	2°	0.5-3°	15	8	16	18500	20	3800 X 2350 X 2600	8000
RGSX-4010	4000 X 10	4000	8/10	6/8	2°	0.5-3°	16	4	20	23000	20	4800 X 2350 X 2800	10500
RGSX-5010	5000 X 10	5000	8/10	6/8	2°	0.5-3°	12	3	24	27000	25	5750 X 2400 X 2900	13000
RGSX-6010	6000 X 10	6000	8/10	6/8	2°	0.5-3°	8	2	28	31000	25	6750 X 2500 X 3100	16000
RGSX-1513	1500 X 13	1500	10/13	8/10	2°	0.5-3°	18	10	8	10500	15	2250 X 2050 X 2300	5700
RGSX-2013	2000 X 13	2000	10/13	8/10	2°	0.5-3°	15	8	11	13000	15	2750 X 2050 X 2300	6700
RGSX-2513	2500 X 13	2500	10/13	8/10	2°	0.5-3°	13	7	13	17500	20	3300 X 2500 X 2600	7500
RGSX-3013	3000 X 13	3000	10/13	8/10	2°	0.5-3°	12	7	16	20000	20	3800 X 2500 X 2600	10300
RGSX-4013	4000 X 13	4000	10/13	8/10	2°	0.5-3°	13	6	20	25000	25	4800 X 2500 X 2600	13000
RGSX-5013	5000 X 13	5000	10/13	8/10	2°	0.5-3°	10	5	24	30000	30	5750 X 2500 X 2800	16000
RGSX-6013	6000 X 13	6000	10/13	8/10	2°	0.5-3°	8	3	28	35000	30	6750 X 2500 X 3100	24000
RGSX-2016	2000 X 16	2000	13/16	10/13	2°	1-3°	15	8	11	16000	20	2750 X 2200 X 2500	9000
RGSX-2516	2500 X 16	2500	13/16	10/13	2°	1-3°	13	7	13	20000	25	3350 X 2600 X 2800	10000
RGSX-3016	3000 X 16	3000	13/16	10/13	2°	1-3°	11	6	16	25000	25	3800 X 2600 X 2800	12000
RGSX-4016	4000 X 16	4000	13/16	10/13	2°	1-3°	10	4	20	30000	30	4800 X 2600 X 2900	16000
RGSX-5016	5000 X 16	5000	13/16	10/13	2°	1-3°	9	4	24	35000	40	5750 X 2600 X 3100	20000
RGSX-6016	6000 X 16	6000	13/16	10/13	2°	1-3°	7	3	28	40000	40	6750 X 2500 X 3100	28000
RGSX-2020	2000 X 20	2000	16/20	13/16	2°	1-3°	15	8	11	20000	25	2750 X 2200 X 2600	11000
RGSX-2520	2500 X 20	2500	16/20	13/16	2°	1-3°	13	7	13	25000	30	3500 X 2600 X 2900	13500
RGSX-3020	3000 X 20	3000	16/20	13/16	2°	1-3°	10	5	16	28000	30	4000 X 2600 X 2900	16000
RGSX-4020	4000 X 20	4000	16/20	13/16	2°	1-3°	7	3	20	33000	30	5100 X 2750 X 2900	19000
RGSX-5020	5000 X 20	5000	16/20	13/16	2°	1-3°	7	3	24	38000	40	5750 X 2800 X 3000	26000
RGSX-6020	6000 X 20	6000	16/20	13/16	2°	1-3°	5	2	28	43000	40	6750 X 2900 X 3100	32500
RGSX-2525	2500 X 25	2500	20/25	16/20	2°	1-3°	12	5	13	28000	40	3500 X 2750 X 3000	18000
RGSX-3025	3000 X 25	3000	20/25	16/20	2°	1-3°	11	5	16	35000	40	4000 X 2750 X 3100	20000
RGSX-4025	4000 X 25	4000	20/25	16/20	2°	1-3°	9	4	20	40000	50	5100 X 2800 X 3000	24000
RGSX-5025	5000 X 25	5000	20/25	16/20	2°	1-3°	8	3	24	45000	60	5800 X 2900 X 3500	31000
RGSX-6025	6000 X 25	6000	20/25	16/20	2°	1-3°	5	2	28	50000	60	6800 X 3000 X 4000	37000



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