



NOVAL

MACHINE SYSTEMS

BLOCK MACHINES

&

BATCHING PLANTS

BIOGRAPHY & ABOUT US



Turkish company Noval with many years of experience in the field of machine building industry is one of the largest manufacturers and supplier of blocks and paving stones making machine and equipment, concrete and crushing and screening plants in Turkey. and as well supplies its equipment to more than 90% of the countries abroad. Company has distributory agencies in many parts of the world.

NOVAL A.Ş designs, produces and delivers the concrete paving and block-making machines and plants in time in such a way to fulfil the requests and expectations of the customer in compliance with the national and international standards. It acts with the principle of continuous improvement, just in time production and zero-defect in order to increase productivity and quality. It achieves all of its objectives with the mentality of production respectful to human health and environment and considering the happiness of its employees.





NOVAL A.Ş Concrete ,Paving and Block Machines is proud to share its knowledge and experience's that it has gained during a production life above 15 years.

NOVAL's who has managed to be a leader and Pioneer company in a very short time since its incorporation day ;most important principles are quality,service,delivery on time and economic price.

Above 95 % of our products are stil being used in countries including Saudi Arabia Sultanate of Oman, Kuwait, Egypt , Algeria, Libya, Georgia, Ukraine, Uganda, Kenia, Sudan, Ethiopia and others. The philosophy of the company is principle that "The assurance of success and durability at production are honestly and quality." We are grateful for your interest and support and will continue the best services for you today and in the future.

BLOCK & INTERLOCK MACHINES





MODEL	MACHINE SIZE & WEIGHT	PRODUCT TYPE	PRESS TIME	QUANTITY IN ONE PRESS				PRODUCTIVITY IN 8 HOURS			
				block	interlock	Road curbstone	Garden curbstone	Block (pcs)	Interlock (pcs)	Road curbstone (pcs)	Garden curbstone (pcs)
NBM 3009	1,5*4*2,5 m 26500 kg	 	15 sec block	3 pcs	9 pcs	-	4 pcs	5760	10800	-	4100
NBM 3012	1,8*5*2,5 m 27250 kg			4 pcs	12 pcs	-	6 pcs	7680	14400	-	6170
NBM 4015	2*5*2,5 m 28500 kg	20*40*20 cm	24 sec interlock	6 pcs	15 pcs	3 pcs	6 pcs	11520	18000	3085	6170
NBM 4020	2*5,5*2,5 m ..31000 kg			8 pcs	20 pcs	5 pcs	8 pcs	15360	24000	5140	8225
NBM 5025	2,25*6*2,5 m 35500 kg	 	28 sec curbstone	10 pcs	25 pcs	6 pcs	12 pcs	19200	30000	6165	12335
NBM 5030	2,3*6,5*2,5 m 37000 kg			12 pcs	30 pcs	8 pcs	16 pcs	23000	36000	8220	16440
NBM 6036	2,4*7,5*2,5 m 45000 kg	15*30*75	28 sec curbstone	15 pcs	36 pcs	9 pcs	18 pcs	28750	43200	9245	18500
NBM 7042	2,4*9*2,5 m 52000 kg			18 pcs	42 pcs	10 pcs	20 pcs	34500	50400	10270	20550
NBM 816 DOUBLE	2*8*2,5 m ... 40000 kg			16 pcs	40 pcs	10 pcs	16 pcs	30650	48000	10270	16440

MOBILE BLOCK MACHINES

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MULTILAYER INTERLOCK MACHINES

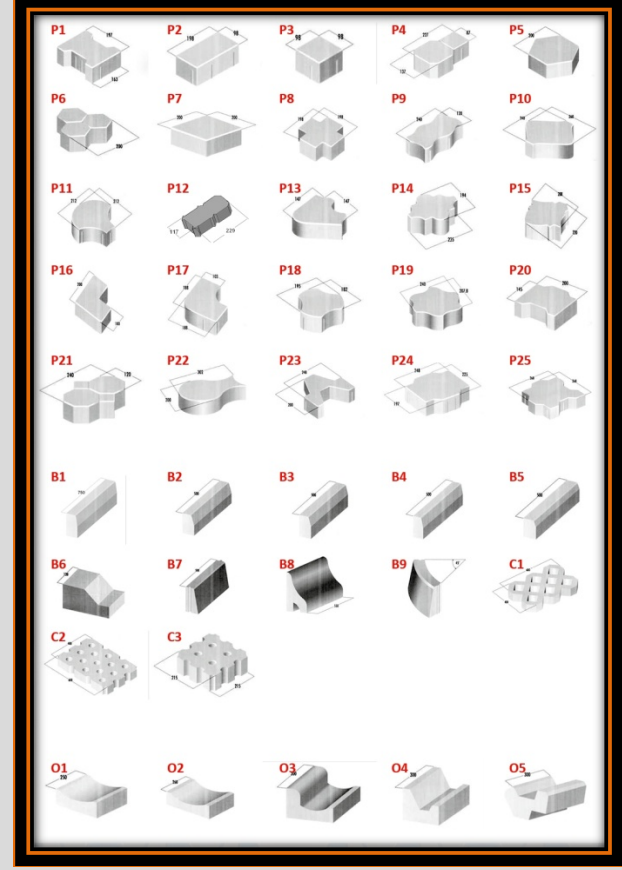
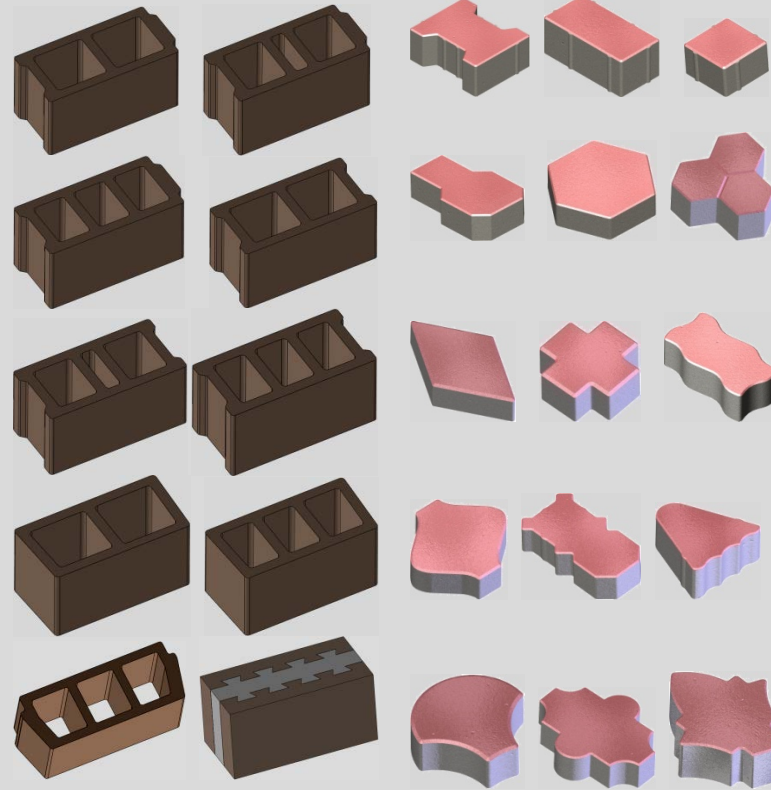
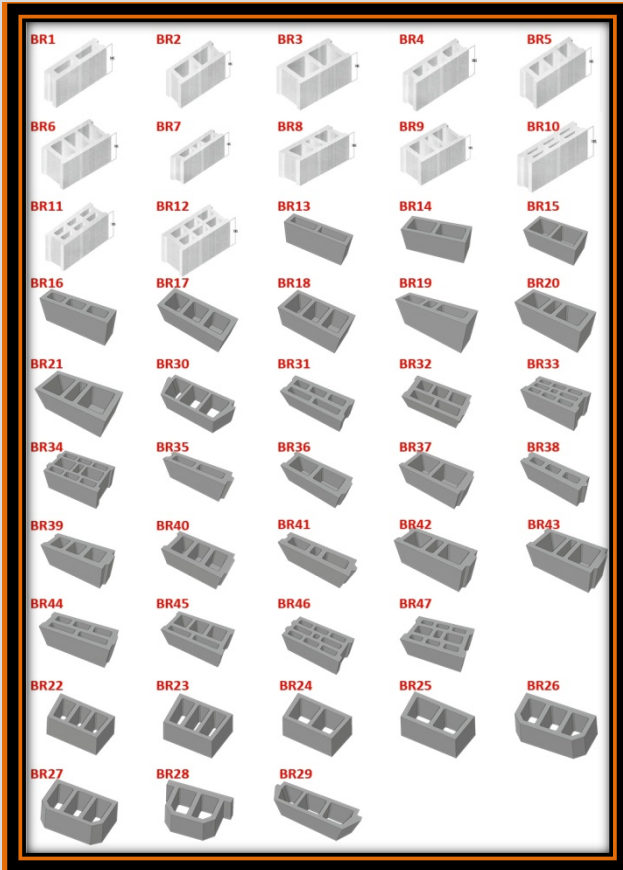


MODEL	NMS MOBILE 08	NMS MOBILE 12	MODEL	NMS MULTI 25	NMS MULTI 36
MACHINE SIZE & WEIGHT	1,5*4*2,5 m 7000 kg	1,8*5*2,5 m 8500 kg	MACHINE SIZE & WEIGHT	2,25*7*2,5 m 17500 kg	2,4*8,5*2,5 m 21000 kg
PRODUCT TYPE		20*40*20 cm	PRODUCT TYPE		
PRESS TIME	23 sec block	23 sec block	PRESS TIME	30 sec interlock	30 sec interlock
QUANTITY IN ONE PRESS	8 pcs	12 pcs	QUANTITY IN ONE PRESS	25 pcs	36 pcs
PRODUCTIVITY IN 8 HOURS	10.000 PCS	15.000 PCS	PRODUCTIVITY IN 8 HOURS	24.000 PCS	34.500 PCS

CONCRETE BLOCK MODELS

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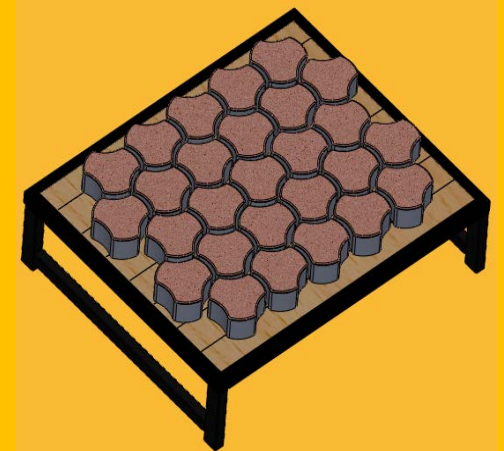
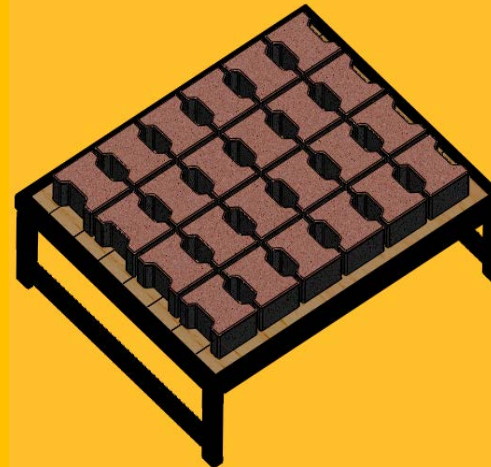
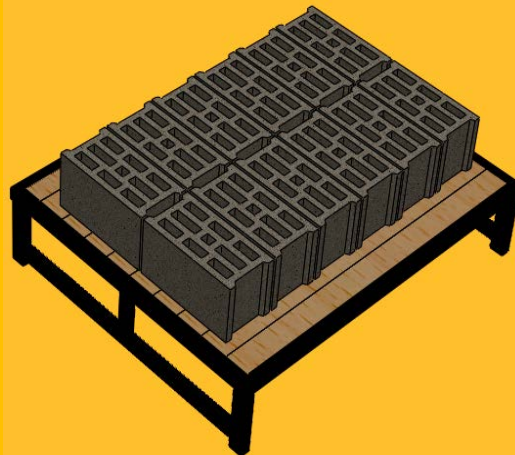
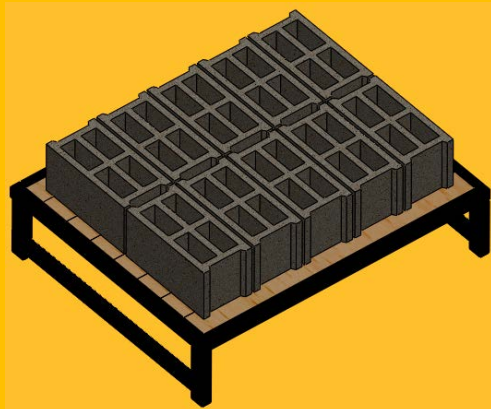
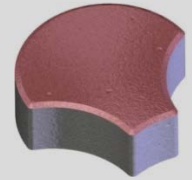
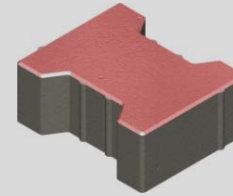
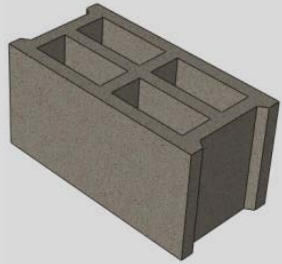
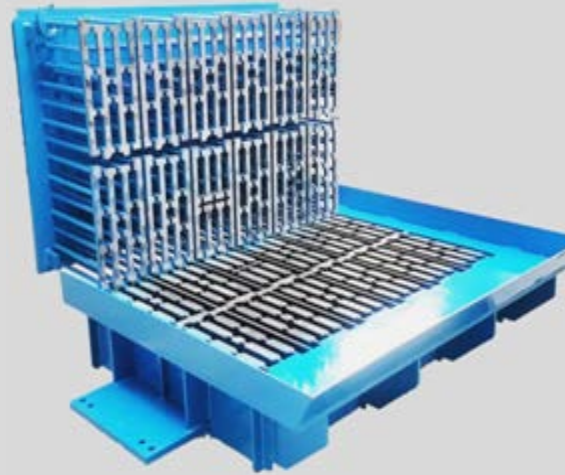
PAVING STONES MODELS



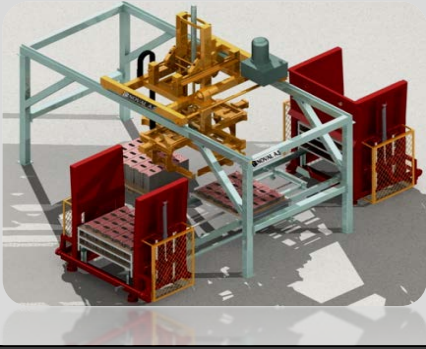
BLOCK MOULDS

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PAVING STONES MOULDS



PICKING ROBOT (CUBER ROBOT) & STRETCHING AND STRAPPING MACHINE



It is the process to collect the products from wooden pallets to euro pallets to get it ready packed for transportation. When the picking robot sees the wooden pallets move forward, the picking robot compresses the dry products by the help of jaws moving forward and back.

It stacks the dry products over each other on the chain conveyor or transportation pallets. The packing type can be done for all sizes, each on the same way or cross way with the help of rotating head. When the packing is finished, the chain conveyor starts working and move forward to the forklift which will load the ready product to the transportation trucks.

After collecting by robot the packed products, it sent to the automatic binding machine by means of a chain conveyor. Before start bonding the plastic hoop, the number of columns and rows to be fastened according to the selecting product form. The products which are connected automatically and tautly with the plastic hoops are delivered to the usage areas without any intervention during the shipment.

When the plastic hoop is not used, the products are automatically wrapped with stretch nylon and can be shipped to the usage areas without any damage during shipment.

Both packaging methods ensure that your products can be shipped safely.

STATIONARY CONCRETE BATCHING PLANT



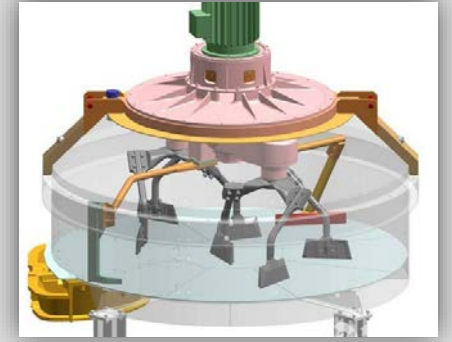
	S-60 NBS	S-100 NBS	S-120 NBS
* Mixer Capacity	1 m3 (1000 lt) 37 kw single shaft	2 m3 (2000 lt) 2 x 37 kw single shaft	3 m3 (3000 lt) 2 x 55 kw twin shaft
* Aggregate Bunker Capacity	80 m ³ (4 x 20 m ³)	100 m ³ (4 x 25 m ³)	120 m ³ (4 x 30 m ³)
* Aggregate Weighing Conveyor	800 x 11700 mm 7,5 kw	1000 x 11700 mm 18,5 kw	1000 x 11700 mm 22 kw
* Mixer Loading Conveyor	800 x 14500 mm 15 kw	1000 x 22000 mm 22 kw	1000 x 26000 mm 30 kw
* Aggregate Waiting Bunker	1.5 m ³	3.5 m ³	3.5 m ³
* Cement /Water / Contribution Weighing	550 kg / 300 kg / 40 kg	1500 kg / 1000 kg / 40 kg	2500 kg / 1500 kg / 40 kg
* Compress Air Compressor	1000 lt /min 7,5 kw	1300 lt / min 7,5 kw	
* Cement Silo / Cement screw	100 t---- Ø273 x 7000 mm 11 kw		
* Automation System / Software	Siemens / Scada		
* Control Cabin Size	2,35 x 3 x 2,2 m		

MOBILE CONCRETE BATCHING PLANT



	NBS 60-M	NBS 100-M	NBS 120-M
* Mixer capacity	1 m ³ (1000 lt) 37 kw single shaft	2 m ³ (2000 lt) 2 x 37 kw single shaft	3 m ³ (3000 lt) 2 x 55 kw twin shaft
* Aggregate Bunker Capacity	40 m ³ (4 x 10 m ³)	45 m ³ (4 x 11,25 m ³)	120 m ³ (4 x 30 m ³)
* Aggregate Weighing bucket	2500 kg	4300 kg	1000 x 13000 mm 18,5 kw
* Mixer Loading Conveyor	800 x 11000 mm 15 kw	1000 x 13000 mm 15 kw	1000 x 16000 mm 22 kw
* Cement /Water / Contribution Weighing	550 kg / 400 kg / 40 kg	950 kg / 550 kg / 40 kg	2000 kg / 1200 kg / 40 kg
* Compress Air Compressor		1000 lt / min 5,5 kw	
* Cement Silo / Cement screw	100 t---- Ø273 x 7000 mm 11 kw	100 t---- Ø273 x 7000 mm 11 kw.....2 SET	
* Automation System / Software		Siemens / Scada	
* Control Cabin Size	2,4 x 1,7 x 2,1 m	2,35 x 3 x 2,1 m	
* Agregate feeding system	Bunker capacity : 6m ³ Transfer Belt : 800x16.500mm		

CONCRETE MIXERS (SINGLE / TWIN / PLANETARY) & AGGREGATE BUNKERY



STONE CRUSHER & SCREENING MACHINE



MOBILE CRUSHING & SCREENING PLANT	STATIONARY CRUSHING & SCREENING PLANT
50 – 80 TON IN ONE HOUR	50 – 90 TON IN ONE HOUR
100-150 TON IN ONE HOUR	100-150 TON IN ONE HOUR
200-250 TON IN ONE HOUR	200-300 TON IN ONE HOUR
250-350 TON IN ONE HOUR	275-600 TON IN ONE HOUR

BUNKERY	25 M3
VIBRATOR PLATE	5,5 kw x 2 pcs
PRIMER JAW CRUSHER	75 kw ...650 x 900 mm
TERTIARY CRUSHER	185 kw...1250x1100 mm
SCREENING	1400 x 4500 3 layer..11 kw



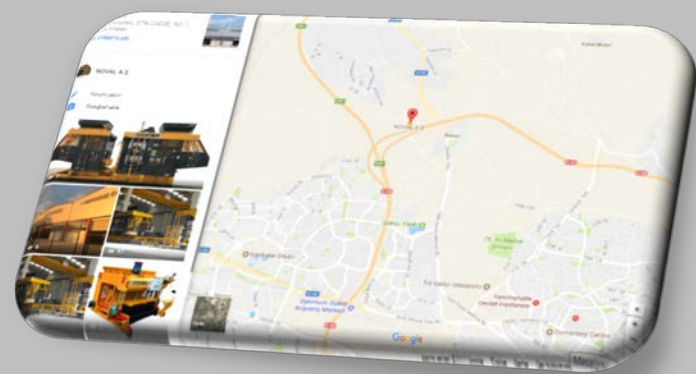
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