

**VIA**  
**NOVA**

**SCREEN** **SYSTEM**  
**TAREK**

**RODAN**

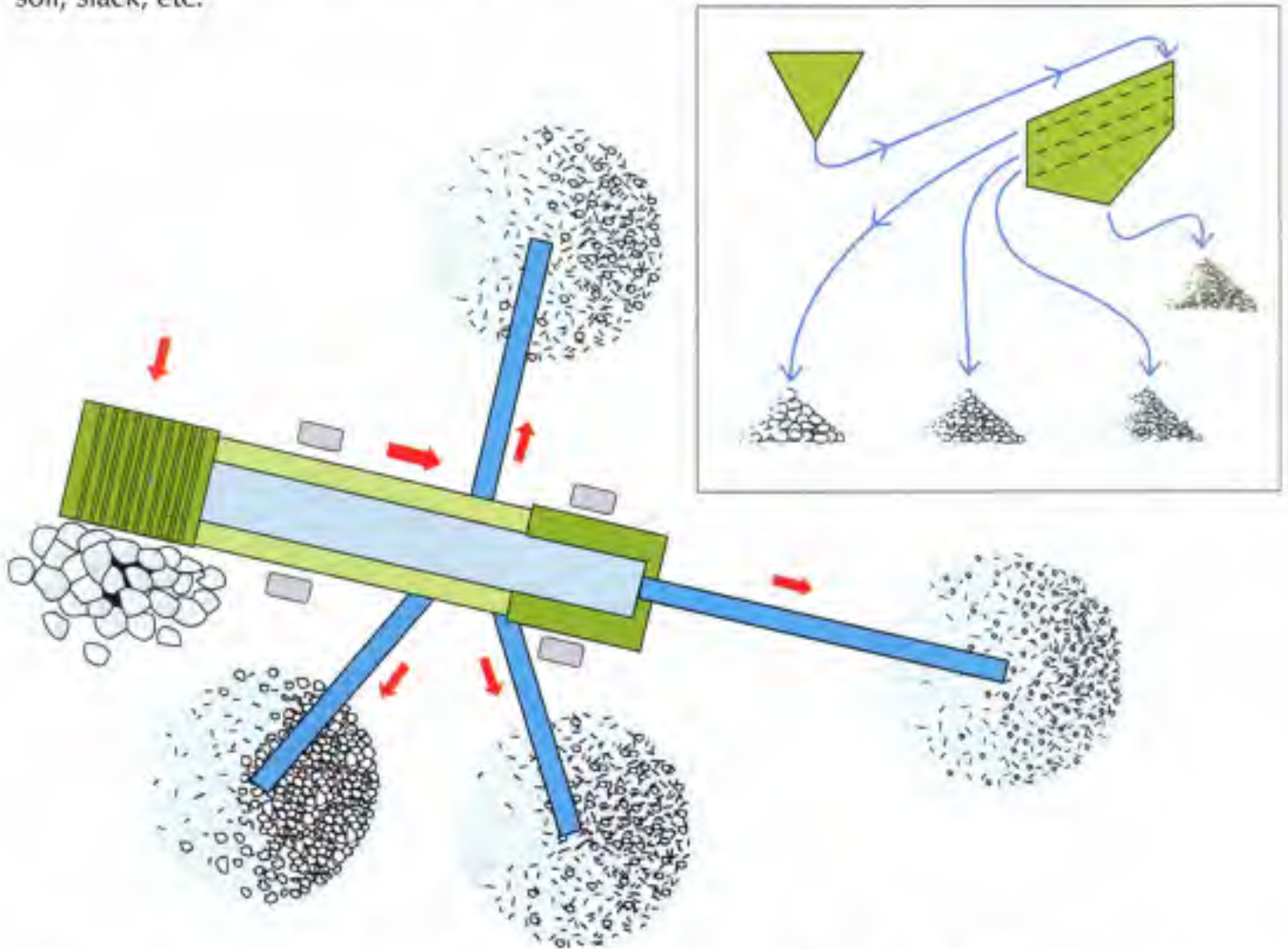


## THE TAREK PROGRAMME

The Tarek programme is a mobile screening system, designed for high capacity and flexibility.

The construction makes it the best choice when the job is grading sand and gravel, coal, slag, foodstuffs, chemicals, chips, lime, soil, slack, etc.

High flexibility is not only achieved by easily bringing the screening unit to where the materials are, but also in having the possibility to choose between different hoppers, feeders and screens especially suitable for your job.



Tarek is composed of a feed hopper with grate for eliminating bigger pieces. The grate may be tilted to divert those bigger parts. A vibrating feeder discharges the material on a conveyor belt, which brings the material to screen for classifying. If the raw material contains just a small percentage of ticky material, a belt feeder is highly recommended. See options.

The Tarek screen is inclined and of vibrating type with the screen cloth on the top deck transversely mounted and the lower decks mounted longitudinally. The screen is free oscillating on ample dimensioned SKF roller bearing. The support frame is provided with cat walk and railing on each side to facilitate the replacement of screen cloth.

Under the screen the finest fraction is discharged to a wing conveyor for stock piling. The wing conveyor may be lowered for road transportation. Hopper, screen and conveyors are mounted on a main chassis frame being carried by sturdy pneumatic tires 1000X20XL36. During operation the unit is stabilized by heavy supporting legs.



# VIA NOVA SYSTEM TAREK



A Tarek vibrating screen is of a very simple construction. the vibration of the screen body is produced by a rotating shaft with fly weight on either end, not mounted to the screen supporting structure.

This construction is made in such a way that no outer mechanical strain will rise, which results in maximum durability without oversizing. the amplitude is easily changed by changing oscillation weights.

The screen cloth at the top deck is transversely mounted. Screen cloth at the middle - and lower decks are longitudinally mounted.







VIA NOVA



Centralized switch board at the machine complete with on/off switches.

Protection for all motors, plug sockets for 3 stock piling conveyors, and socket for additional light.

Tarek standard feed hopper, 5cbm, with mechanical titable grate and 800mm vibrating feeder.



Sideways movable chute for the easy changing of the screen cloth.

Vibrating feeder below hopper.





# VIA NOVA

## SYSTEM TAREK



Tarek A 1230 equipped with washing at the screen and sand recovering screw for 15-40 cbm/hour



Tarek standard hopper with hydraulically operated grate. Horizontal or inclined.

### Options & Special Variations



HD-feed hopper with belt feeder  
Hopper capacity 7 cbm. Belt feeder 2.6 m x 800 mm with 5.5 hp standard motor



Tarek B 1240 with wash on all 4 decks.  
Direct discharge for sand and water



Tarek A 1230 converted to fully hydraulic operation and with Deutz diesel motor F4L 912..



Tarek A 1230 with jaw crusher:  
- max. crusher weight 6 tons  
- bypass to main conveyor.



VM-conveyor in standard lengths up to 30 m with fixed V-support or on under carriage.



MD-feed hopper with belt feeder  
Hopper capacity 6 cbm.  
Belt feeder 2.2 m x 650 mm with 5.5 hp standard motor.



## TECHNICAL DATA

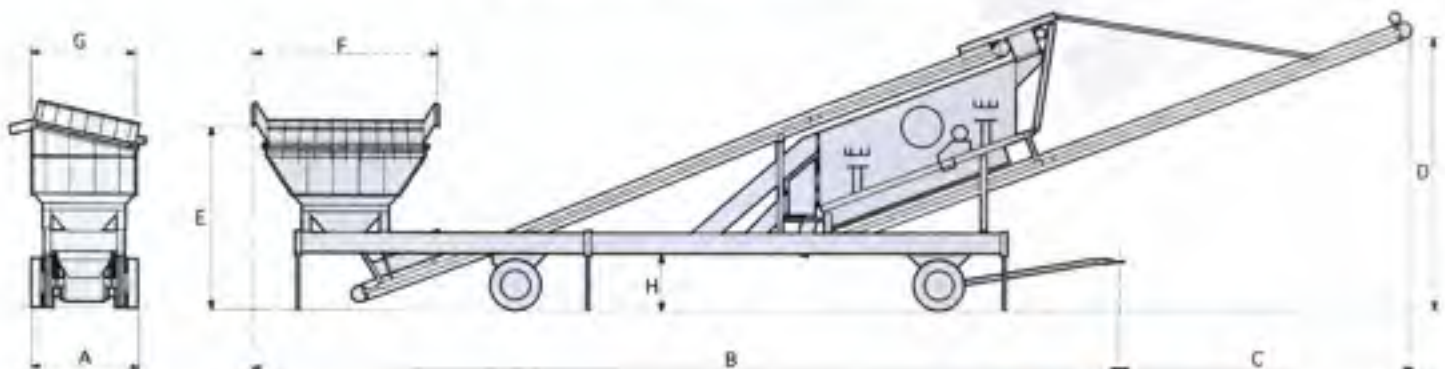
Equipment		Model A 1230	Model B 1240	Model C 1550
Capacity	t/h	Up to 150	Up to 200	Up to 300
Maximum feed size	mm	200	250	250
Selections		4	4	4
Hopper	cbm	5	8	10
Vibrating feeder	mm-hp	800 - 2	800 - 2	1000 - 5.5
Feeding conveyor, length	mm	11.500	11.500	11.500
Feeding conveyor, motor	hp	10	10	15
Feeding conveyor, belt width	mm	800	800	1.000
Belt type		250/2-3+1	250/2-3+1	250/2-3+1
Belt speed	m/s	1	1	1
Screen length x width	mm	1.250x300	1.250x4000	1.500x500
Screen area	m <sup>2</sup>	3.75	5.0	7.5
Screen motor	hp	10	15	25
Wing conveyor, length	mm	12.000	12.000	6.000
Wing conveyor, motor	hp	7.5	10	10
Wing conveyor, belt width	mm	650-800	650-1.000	800-1.200
Belt type		250/2-3+1	250/2-3+1	250/2-3+1
Belt speed	m/s	1	1	1
Chassis wheel size		1.000x20xL36	1.000x20xL36	1.000x20xL36
Total weight	kg	12.000	14.000	24.000
Total power installed	hp	29.5	37	55.5
Recommended generating set*	KVA	50	69	100

\* For the recommended size of generating set, space is included for max. 3 stock piling conveyors each with 5.5 hp standard motor.

### Options :

10 cbm. Hopper.  
Vibrating feeder 1000 mm.  
Belt feeder.  
Hydraulic grate.  
Washing and sand recovery.  
Total hydraulic operation.  
Mounting of crusher max. 6 tons.

	Unit in orking condition			Unit lowered for towing		
	A 1230	B 1240	C 1550	A 1230	B 1240	C 1550
A	2.5	2.5	2.5	2.5	2.5	2.5
B	15	16.8	18	15	16.8	18
C	4	5.7	-	-	-	-
D	5.3	5.3	-	4	4	-
E	3.6	3.6	4	3.6	3.6	4
F	3.6	3.6	4.2	3.6	3.6	3.6
G	2	2	2.6	2	2	2.5
H	1.2	1.2	1.2	1.2	1.2	1.2



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**VIA NOVA**

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