

**BooStrac**

# A TIRE WITH **OPTIMAL SAND AND MUD TRACTION**

Desertification due to global warming



**ON ROAD**



**OFF ROAD**





## DESERTIFICATION IS TAKING PLACE IN VARIOUS PLACES AROUND THE WORLD DUE TO GLOBAL WARMING.

Boostrac, futuristic and prepared to take on such an environment, provides optimal dry performance in general and desert driving conditions: The optimal traction in desert driving conditions is achieved by forming gaps among blocks, in all directions, through the principle of tread warping.

### INNOVATIVE TREAD STRUCTURE

It can achieve greater traction performance on and off roads through a new tread configuration that is flexible and highly stiff.

### PRACTICAL AND SMART USABILITY

For drivers who seldom drive in the desert, the inconvenience of having to change over to desert tires is minimized. In addition, although a regular desert tire has to compromise a certain portion of its performance when driven on regular roads, Boostrac fully satisfies the driver's desires with no such compromise.





## NORMAL MODE FLAT TREAD



A polyurethane material with  
high elasticity and stiffness is used  
[Hub spacing adjustment method]



Normal profile  
(wide)



**TRANSFORM**



Transformed profile  
(narrower & higher)

## SPECIAL MODE THREE-DIMENSIONAL TREAD



### OPTIMIZED FOR ON-ROAD DRIVING

Because the tread is flat and the top surfaces of the blocks become flat and closely spaced gaps are formed among the blocks, an ideal tread for high-speed driving can be realized.

### OPTIMIZED FOR OFF-ROAD DRIVING

Tread that is more three-dimensional for desert driving conditions is achieved by forming gaps among blocks, in all directions, through the principle of tread warping. In addition, the changeover has the effect of raising the vehicle's height, preventing the vehicle from sinking in dirt, to make continued driving possible.

**ON-ROAD**



**OFF-ROAD**



# MODULARIZED BLOCK STRUCTURE

As the tire is configured in modules, when the tire is damaged, only the damaged parts need to be replaced:  
This offers the advantage of eliminating a shortened tire lifespan due to an accident.

## 120 BLOCKS

As it is structured to use the same shape, the tire can be assembled with several tens of blocks manufactured using a mold: An 80% savings in mold production cost is possible.

## HEXAGONAL SHAPE

A detailed pattern design was applied for each block.  
The three-dimensional pattern designs are applied on both the top and side surfaces of the block to provide superior traction performance.



**PATTERN TRACTION**



**SIDE TRACTION**







## SOLUTION TO DESERTIFICATION

Boostrac is an innovative product that can help overcome adverse driving conditions caused by global desertification. This tire not only reduces manufacturing costs through the use of a modular manufacturing configuration, but also lowers the consumer cost burden: It reduces waste and ultimately contributes towards saving the environment.

**Boostrac**