IROCK Crushers is highlighting its TS-522 heavy duty screener at booth 1614 during World of Asphalt/AGG1 in Nashville, Tenn. This screener, one in a line of five IROCK models, is suitable for medium- to large-scale operations and is ideal in applications such as recycling, sand and gravel, mining, or as a part of a crusher circuit, according to the manufacturer.

Built for high productivity, the TS-522 features extra hopper capacity and screening area, and a high stockpiling capability. The TS-522 is powered by a 129-hp Caterpillar C4.4 engine and is capable of processing materials at a rate of up to 670 tph (608 t).

In terms of hopper capacity, the 14-ft. (4.3 m) wide hopper feeder that comes standard on the TS-522 is rated to 12-cu.-yds. (9.2 cu m). This extra space is built to accommodate a greater amount of material, enabling higher production rates.

The TS-522 also offers ample screening area, which further contributes to the machine's high output ratings. With a 22 by 5 ft. (6.7 by 1.5 m) top deck and a 20 by 5 ft. (6 by 1.5) bottom deck, the machine has a total screening area of 210 sq. ft. (19.5 sq m). This two-deck design enables users to produce and sort up to three different size products. For customers needing four finished products, IROCK offers the TS-522 TD, a three-deck version of the screener. The decks can be interchanged so customers have more control over end-product size.

Hydraulically folding side conveyors feature high stockpiling heights and capacity, providing the stacking heights necessary to match the machine’s high output rates. Able to stack up to 16 ft. 8 in. (5 m) on the sides and 16 ft. 2 in. (4.9 m) on the tail, these conveyors provide the convenience of running the machine for longer before needing to reposition finished material.

In addition to the 129-hp Caterpillar C4.4 engine, the TS-522 offers additional heavy-duty add-ons specifically designed for high production rates and extra durability. A vibrating livehead also is an option to accommodate heavier, sticky materials. When running heavy, dirty materials such as recycled concrete, the vibrating livehead can replace the standard grid over the hopper to provide additional screening before the material enters the hopper.

Several options also allow for easy maintenance and portability. While the TS-522 comes standard with an attached cord and remote for controlling and maneuvering the screener around a job site, a wireless remote option also is available. Walkways alongside the screeners provide full access to each side of the screenbox for ease of maintenance or screen changeouts.

IROCK is not only known for its heavy-duty units and high-quality components, but also for exceptional customer service. The company has convenient 24-hour online parts look up and ordering, fast delivery, and live service support until 9 p.m. EST.

For more information, call 866/240-0201 or visit www.irockcrushers.com.

(The story also can be found on Construction Equipment Guide’s Web site at www.constructionequipmentguide.com.)