

KEESTRACK Press Release

Preview CONEXPO-CON/AGG 2017, Las Vegas

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KEESTRACK on CONEXPO-CON/AGG 2017:

Mobile solutions for effective processing

KEESTRACK, the global specialist for mobile crushing and screening equipment takes CONEXPO-CON/AGG 2017 as a perfect opportunity to strengthen its position on the American markets and to present highly flexible solutions for contractors in the recycling and aggregates industry. International product experts at booth C33043 will focus on the latest technical innovations and provide expert information on the expanding KEESTRACK range of machines

Focussing on contractor needs

Having earned its early but still lasting reputation as inventor of flexible tracked scalping and screening plants KEESTRACK changed in the last few years to what is now one of the most successful international full liners of mobile technologies for mineral processing. The still growing product range of tracked crushing, classifying and material handling solutions includes today jaws, cones and impactors, a full range of scalpers, horizontal classifiers and drum screens and ancillary equipment as stackers or dust suppression systems. To guarantee continuous development and industry leading quality standards the Belgium based group owns today three international competence centres with integrated R&D and production facilities. Worldwide after sales and customer support is provided through an expanding network of training centres, dealers and service partners in over 50 countries on all continents.

KEESTRACK America was founded ten years ago, to support the expanding dealer network on the North American markets. The company recently opened a new facility in Dallas/Texas. Focussing on aftersales and parts activities the new headquarter will form a crucial element of KEESTRACK's strategy to become the leading supplier for crushing and screening contractors in the recycling and aggregates industries. The company's large experience in the respective sectors on major European markets is reflected through a plant portfolio with highly mobile and flexible solutions, which also perfectly responds to the requirements of the growing rental business.

KEESTRACK's technology is not only characterized by the high mobility between and on sites or its ease of operation – to guarantee economic efficiency and uncompromised end product

quality, the company is also focussing on state-of-the-art drive technologies and sophisticated processing concepts. Intensive research on sustainable electric drive concepts is only one example – another important field is the consequent use of modern communication technology for remote plant control and maintenance management with the telematics tool “**Keestracker**”. Perfectly adapted on processing environments, the GPS supported monitoring system provides real-time machine status information and offers a large set of valuable data for optimized operations.

Intelligent design

Highlighting this integral approach on CONEXPO-CON/AGG will be the new **H4 tracked cone crusher**. The light and compact plant features the KT-H4 cone crusher, adapted and supplied by a world-leading cone specialist. The fully automated unit produces up to 250 tph at maximum feed sizes of 7”. The wide variety of concaves allows a high flexibility in secondary or tertiary production of highly defined end fractions. To optimize production the plant can be optionally equipped with a pre-screen with fines chute and – as a world’s first – with a highly efficient three-deck secondary screen module with recycling conveyor for closed-circuit processing. A big feeder volume, large screening areas and high stockpile capacities allow very productive operations as in-line or stand-alone unit. The KEESTRACK H4 features a hybrid diesel-electric drive concept (345 kW Diesel (Tier 4f) / 330 kVA Genset / 135 kW E-drive for crusher). This guarantees economic fuel consumption and ease of maintenance through the wide use of electric motors on screens and conveyors. The recently introduced **full-hybrid version H4e** even allows full electric operation through mains or an external gen set. An additional electric motor/hydro pump then supplies the hydraulic driven feeder, the secondary screen module, the tracks and all hydraulic cylinders.

High production rates and a great versatility regarding materials and end products make impact crushers increasingly the technology of choice for efficient mobile recycling applications. KEESTRACK recognized this trend very early and optimized its impactor range in terms of transport weights, ease of operation and maintenance. The use of high-strength steel qualities in machine frames and superstructures effectively reduces weight without compromising the static qualities or machine life-time. Intelligent monitoring and control systems guarantee trouble-free operation even in heterogeneous material mixes. Quick set-up routines, easy access for maintenance and the optimized wear characteristics of KEESTRACK’s original crusher technology increase the plants deployability and allow cost-effective operations even on short-term projects with smaller volumes.

At CONEXPO KEESTRACK also displays the tracked impactor **R3**, with max. 33 tons the smallest unit of its impactor range and the 55-tons-unit **R5**. Both machines feature active pre-screening and will be shown with full optional equipment, which includes magnetic separators, fines conveyors and secondary screen modules with closed-circuit operation (R3: 1-deck; R5: 2-Deck). Both direct driven crushing units are characterized through large and heavy rotors,

which guarantee high crushing energy combined with smooth running. Large inlet openings and efficient overload protection systems ensure productive operation in typical recycling applications without cost-intensive pre-sorting or pulverizing. The machines displayed on CONEXPO-CON/AGG both feature diesel-hydraulic drives with modern load sensing hydraulics. As the larger R6, the R5 can also be equipped with a hybrid diesel-electric drive: A 150 kVA on-board gen set then supplies the electric drives for conveyors and screen modules, offering important fuel saving potentials up to 25% compared to the diesel-hydraulic version.

KEESTRACK on CONEXPO-CON/AGG 2017: Central Hall C3, Booth C33043

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Captions:

Keestrack_PRE_ConExpo 1:

With only 50 tons transport weight featuring pre-screen and 3-deck secondary screen module the new H4 tracked cone crusher sets the industry standards in mobile processing of HQ end products.



Keestrack_PRE_ConExpo 2:

One of the main advantages of KEESTRACK's impact crushers are their compact dimensions: fully equipped with 2-deck secondary screen module the KEESTRACK R5 weighs just 55 tons and guarantees quick and cost-effective transports from site to site. An optional Dolly system is also available.

**Keestrack_PRE_ConExpo 3:**

With its unrivalled versatility, the tracked impactor KEESTRACK R3 is the perfect tool for small and medium-sized contractors in the recycling and aggregates industries.

(all photos: KEESTRACK)

