

ITALIAN TECHNOLOGY

The fleet is complete: New S5, M5, TRIPOST, T5 and P6 offer the maximum versatility and best performances in quarry to building site transportation and earthmoving. Even more technological and resistant, the new **Emilcamion** dump bodies guarantee unique performances. Built in high-resistance steels, available in several weight and carrying capacity configurations, suitable for transporting any material while perfectly meeting all requirements. All Emilcamion dump bodies are built to the standards set by governmental control bodies and industrial vehicle manufacturers. In the last few years, the versatility and safety of 3-way dump bodies have often been overshadowed by the unquestionable advantages offered by polygonal dump bodies with front mount cylinder and end dumping only. By combining its experience and a willingness to innovate, Emilcamion has realized TRIPOST that, while retaining the concept of the end dump body, allows dumping on three sides. The tailgate is both hydraulic (h=450) and swinging, like the one mounted on S5; the sideboards are swinging. Tripost offers more safety: should it tip over, the operator can open a side wall from the cab to compensate for the upsetting; by letting the material slide out, the risk of tipping over is reduced and then dumping from the tailgate can be started. TRIPOST is an end dump body and a 3-way superstructure at once; a front mount hydraulic cylinder swinging on three sides and 2 rear actuator cylinders, that only work during side dumping, are the elements that give TRIPOST these advantages. The low-pressure hydraulic system with 130 l/min pump is controlled by a group of valves, both for end dumping and the opening of the gull-wing tailgate (the same as S5), and for side dumping and the opening of the sideboards. All dumping operations are performed while comfortably sitting in the cab. In order to guarantee a perfect structural tightness, the system for closing the sideboards is hydraulic with latch. The opening control can be operated from both the cab and the ground. The sideboards are closed manually, then the pneumatic system with latch is activated.

Enquiry Card 118
www.emilcamion.it



THE FUTURE OF SELF-LOADING CONCRETE MIXERS

In continuous evolution, **Fiori** will be presenting the new Fiori DB 460 SL self-loading concrete mixer at SAIE 2008.

Its design has been completely renewed: more appealing lines and enhanced performance, improved stability for faster movements; the new

turbo engine (118 Hp), enhanced, makes the DB 460 SL the fastest self-propelled, self-loading concrete mixer in its category on the market; new cabin with even more comfortable covered interiors; introduction of comfortable and modern joysticks with servo controls for loader and loading arm management and faster loading. More ergonomic layout of the controls and footboard controls eliminated; the 100% polyethylene water and diesel fuel tanks prevent the classic rust residues, are more lightweight and have a greater capacity. In the development of the new line, particular attention was paid to the look: more rounded lines, a new colour and new logos for the umpteenth challenge that Fiori S.p.A. mounts to the concrete machine market.

Enquiry Card 014 www.fiorigroup.com

MB CRUSHERS AND MOST IMPORTANT TRADE EXHIBITION SHOWS

With spiraling landfill costs, pressure is constantly on contractors to reduce the amount of waste for disposal from demolition sites. This has been particularly true in Europe where landfill is at a premium and this need has accelerated the innovation of new crusher technologies.

One enterprising company, **Meccanica Breganzese** (MB), has produced a range of excavator mounted crusher buckets that are winning fans around the world including India.

As MB said, marketing is the key to the success of MB buckets; this is the reason why they are present to the most important trade exhibitions all over the world. The MB bucket also has the option of an iron separator which can prove very beneficial to contractors working in recycling applications. By dragging



The range MB crushers

Model	BF60.1	BF70.2	BF90.3	BF120.4
For excavators weighting from	8 to 14t	14 to 20t	20 to 28t	up of 28t
Bucket's capacity	0,50 m ³	0,60 m ³	0,75 m ³	1 m ³
Mouth aperture	60 x 45 cm	70 x 55 cm	90 x 45 cm	120 x 45 cm
Bucket adjustment	2/10 cm	2/12 cm	2/12 cm	2/12 cm
Weight	1.500 kg	2.250 kg	3.500 kg	4.900 kg
Hourly production	9,1/19,8 m ³	12/30 m ³	18/40 m ³	25/50 m ³

the rear of the bucket over the crushed pile, any steel is easily removed and able to be placed aside for recycling purposes. They are currently performing a series of demonstrations around India and inviting interested contractors to contact them for an invitation to these sites. MB said that their dealers look forward to showing everyone how much time and money the crusher bucket will save customers from reduced waste disposal and transport costs.

Enquiry Card 069 www.mbcruiser.com



GENIE LAUNCHES NEW GTH™-4017 SX TELEHANDLER

In October **Terexlift** will attend SAIE exhibition in Bologna displaying its range of blue telehandlers, this year enriched by new interesting models. Terexlift engineers designed three brand new models to satisfy as much as

possible the incoming needs of customers and operators. Simplicity is the key word to the new telehandlers. Furthermore, the new standard fixed GTH™-4017 SX will be launched during this edition and this is expected to be among the leader products in the rental market. The customers already used to the reliability of the elite version (former GTH™-4017, now GTH™-4017 EX) will be enthusiastic about this new model and will appreciate the easier controls, while finding unchanged lifting capacity and weight. The new GTH™-4017 SX is therefore the latest addition to the world-class line-up of Genie® telehandlers; with a maximum height of 17.19 m and a maximum lift capacity of 4.000 kg, this new telehandler delivers an impressive 700 kg lift capacity at a maximum forward reach of 13.3 m. The GTH™-4017 SX features a new-generation cabin designed for operator comfort, placing controls and load charts within easy reach. The operator can enjoy increased comfort whilst appreciating the power and smoothness of the new hydrostatic transmission with an electronically controlled, 101 hp Tier 3 engine.

Enquiry Card 195 www.genieindustries.com

TOP PERFORMANCES

One of the most important new devices in dust suppression is the Fog cannon®. It is very effective against the particles produced by mining, materials handling, waste disposal odours, demolition, stock piles, port facilities, construction and many other applications.

Ecology has developed this system not only basing on their over-25-year experience in fog cannons sector, but also thanks to the extensive studies, calculation models and tests carried out by the University Polytechnic of Milan. This system consists of a cannon throwing a continuously equalized fog flow. It is available in different sizes: NFC 30, NFC 50, NFC 60, NFC 40/80, FC 110, FC 150, FC 200, FC 250, NFCSL 30-50-60 (Lifting Type)

Here after the main features:

- average throw: from 32 up to 274 yards with an inclination between 0° min up to 45° max degree on the horizontal;
- movement: rear sight, arc of training, pressure pumps of the surfactant are electrical IP55 driven or ATEX. The 330° arc of training is also available manual operated;
- drop metric: from 90 to 150 microns with the curve emphasized on the 115 microns.
- power: from 10 kW (FC30) to 500 kW (FC250) maximum requested. It is also available with motor self-running or remote configuration.
- H2O consumption: from 45 litres per minute to 800 litres per minute (same as from 10 imperial gallons/min (UK) to 176 imperial gallons/min (UK) same as from 12 gallons/min (US) to 211 gallons/min (US) all of them delivered direct to the fire).
- Surfactant liquid optional, consumption: 1/400 fixed according to the flow of H2O.
- Safety: According to the local, municipal, regional and European regulations and laws.
- Warranty: 2 years (excluding parts, which are subject to normal wear and tear).

- A mobile or fixed installation can provide city fire protection anywhere in automatic or remote control due to the huge surface area offered by the micro raindrops in open areas.

- Operators protection: protection net, unmovable, according to law 626 and 624 unmovable and locked.

Enquiry Card 196
www.fogcannon.com

