The BM Better 130 Tractor

The BM Better 130 tractor is not like any ordinary tractor. It has unique design characteristics and features that offer performance that is unparalleled. It also offers ease of service, low running costs and long life expectancy.

The BM is a component built tractor, meaning that its major components are commonly used parts.

- Spicer axles are the same as used in most Telehandlers (and have a massive load carrying capacity, way more than utilized by the BM)
- Linde hydrostatics are widely recognised as the best you can buy. The BM uses a very high spec version with a 6 speed motor (and also combined with a 3 speed manual selection).
- Iveco engine 4cyl 4.5 litre with mechanical injection (Bosch VE pump) simple, reliable, proven performer.
Unique Chassis Design

These components are brought together in a fabricated chassis giving relatively light weight and easy access to components that would otherwise be internal on a conventional tractor. (Most conventional tractors would require splitting to access charge pump, hydrostatic pump or hydrostatic motor. The BM provides easy access to these and other components)

This unique chassis design offers very strong and stable mounting for Engine end 3PL, Front End Loader and mid mount reach arm (Hymach ME660). The subframe for mounting the Front End Loader is the same required for mounting the ME660. The Front loader is controlled and stabilised by the rigid mounting of the front axle (unlike a conventional tractor that carries the weight via a pivot point or independent suspension and therefore the loader is controlled by the rear axle).

The rear pivoting axle carries the 3PL and PTO, giving similar masses moving with each axle. The BM is incredibly well balanced and light weight, giving the optimum blend of traction, and minimal compaction.
4-Wheel Steer

The 4 wheel steer offers manouevrability with a gentle footprint. It can turn with an outside radius of just 3.2 meters, and at the same time have zero axle bind meaning almost no damage to turf even while carrying a heavy implement and even with tractive tyres. Of course it also has the ability to choose: Front steer, Rear steer, and crab steer.

Reversible Operators Console

The BM console rotates 180 degrees while the operator remains seated. As an option it can be made to also lock in at 45 degrees in either direction for shuttle work.

The standard tractor must be driven in the engine first direction on the road, however there is a lighting option package allowing the tractor to operate on the road in the reverse direction.
**PTO for serious PTO work.**

The PTO clutch and drive line are massive. Built for heavy work and built to last. The rear output has 2 shafts, one above the other, one clockwise, one counter-clockwise. This allows instant changeover of mulchers from pull to push configuration, and allows interchangeability between front and rear mounting on the tractor without making changes to the implement.

The PTO has a 2 speed selection and can be either 540/1000 or 540/750. The 750 option allows economy mode for use with lower engine revs on light work for fuel savings.

The engine end PTO option is 1000 rpm counter clockwise only. It is recommended for usage up to 80% of available power.

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**Load Share System**

The BM comes standard with its 3PL load transfer system. To maximise traction and decrease the effective implement weight. Almost essential when pushing a mulcher. Reduces the weight on the mulchers rear roller by up to 80%, and at the same time increasing the tractive weight on the rear wheels by even more than what has been reduced from the roller. This makes a massive difference to traction and therefore dramatically reduces side slipping on slopes and decreasing turning circle. Also the mulcher operates smoother by gliding lightly over rough obstacles.
The optional patented Traxx-Glide dual axis load share system works on mowers or implements with front and rear rollers or wheels. It allows you to adjust the weight transfer independently from the front and rear of the implement, and allowing the implement to float up and down but also change angles for increasing or decreasing countours. Any implements with side shift will work effortlessly with the Traxx-Glide system even when side shifting in the up hill direction, ensuring the tractor commands the implement where to go instead of allowing the implement to command the tractor.

**Robust cooling system**

The best quality cooling cores with large air flow openings, extremely strong fins, easy access and reverse pitch cooling fan offers the best reliability and performance you can get.

**Forestry Protection Equipment**

Optional equipment is available for forestry work. Cab roof frame is available independent to mudguard and bonnet protection. Also the relatively high ground clearance and clean underbody can be further protected with forestry belly plates. The BM comes standard with a FOPS and ROPS rated cabin, and also a robust steel fuel tank.