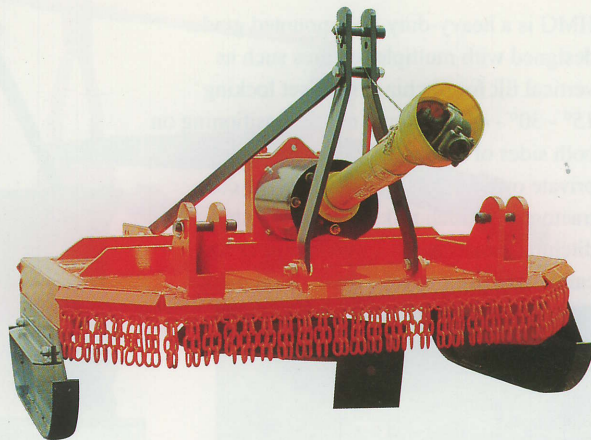


Land clearing or replanting is a cumbersome task, further complicated by the ban on open burning imposed now in much of Southeast Asia.

HOWARD has developed a tractor-mounted mechanical shredder, which turns felled tree trunks (chipped) into useful compost.

Eradicates breeding grounds of the Rhinoceros Beetle, a serious pest for oil palm plantations.

Likewise, effective mulching helps eliminate Ganoderma (BSR), by exposing and drying out this destructive fungus.



The resulting humus, incorporated into the topsoil, provides long-term nutrient uptake benefits, stabilises the granular structure of the soil, improves water retention, promotes vigorous rooting and minimises leaching loss. The vertically mounted special steel blades are designed to penetrate 2 cm below skid/tractor tyre level. Ideally the debris should be scattered prior to mulching. If in windrows, the operation will be slower and several passes may be necessary, possibly using a HOWARD tine tiller to rip up and bring to the surface semi-buried woodchips for subsequent mulching passes. Powerful implement (min. 75hp required), which should be operated only by experienced tractor drivers. Also suitable for pulverizing empty fruit bunches (EFB), pineapple stalks and other fibrous matter.



A debris-free field can be established in a matter of days, allowing subsequent practices such as ploughing, rotavating, contouring, cover-crop planting, plant-hole boring, manuring or spraying, significantly shortening the fallow cycle.

Specification	HM 50	HM 60
Working width, cm	115	140
Tractor HP	75-100	85-120
Weight, Kg	560	630