

apple harvesting: THE SABRE

The Sabre is a tractor mounted apple harvester which can be attached to the tractor by a demountable sub frame. This provides the harvester with a rigid mounting ensuring good stability. Providing the tractor is of a suitable construction, the machine can also be mounted on its three-point linkage with the addition of a linkage stabilizing frame. The harvester has been designed to suit modern bush type orchards and is capable of harvesting in excess of 100 Tonnes per day depending on crop density and conditions etc.

FEATURES:

The Sabre has a side mounted pick up system onto which a tree sweep is mounted. The fruit is collected from the ground, cleaned and then elevated via the “Fruitflo” lift elevator. It is then cleaned by a secondary cleaning conveyor and (optional) pintle belt conveyor before being carried along the rear discharge elevator into a trailer towed by the integral hydraulic pick up hitch. A self-contained hydraulic system driven by the tractors PTO shaft is used to power all the machines services. These are controlled by an electrical control box mounted inside the cab. To maintain optimum efficiency, the temperature of the oil is maintained by a thermostatically controlled oil cooler.

BENEFITS:

The configuration of the Sabre STD provides a number of benefits including:

- One person operation
- Quick and efficient fruit collection
- Pick up and conveyor design minimises risk of fruit damage.
- Option on number of fruit cleaning operations available.

TECHNICAL SPECIFICATIONS:

Weights, capacities and dimensions

Height (overall)	2880mm
Pick up head width	1000mm
Pick up head height	650mm
Lift elevator width	550mm
Secondary cleaning conveyor width	550mm
Rear discharge conveyor width	450mm
Working width	3387mm
Power requirement (approx.)	50Kw
Gross weight (approx.)	1.5Tonnes

OPTIONS:

The Sabre is available with:

- 1000mm or 800mm pick up head widths
- 600mm or 800mm diameter tree sweep
- Pick up head plough with flipper or cleaning roller
- Pintle belt cleaning conveyor
- Apple blower
- Camera kit.



SFM TECHNOLOGY HAS BEEN DESIGNING AND MANUFACTURING AWARD-WINNING FRUIT HARVESTING MACHINERY SINCE 1985.
APPLES - serving the cider, apple drinks and apple processing industries

