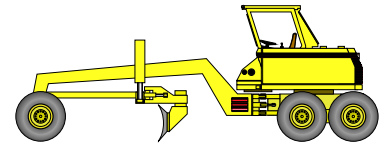
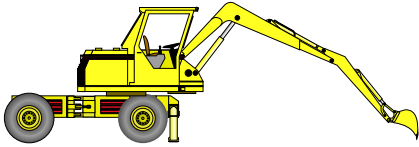
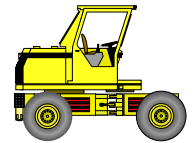
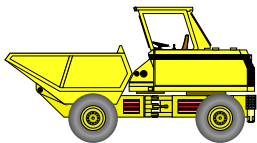
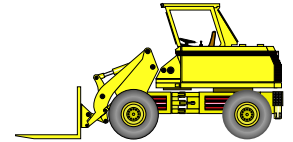
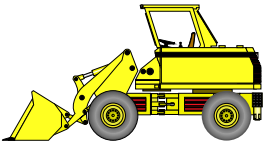


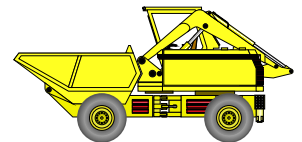
## ENGINEERING



Supra Centres assemble machines for indigenous distribution in 60 countries. Without exception, wheeled and crawler machines are **purpose** made and assembled at the point of manufacture which carry **high** overhead costs, and then delivered to the sales distributor. Supra Machines are **modular** made and assembled at the point of sale which carry **low** overhead costs. The components for both systems (purpose and modular) are delivered to the point of assembly at similar OEM cost. Supra Centres are the point of assembly and point of sale.

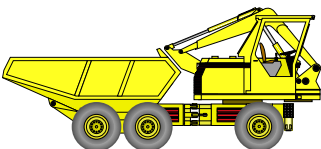
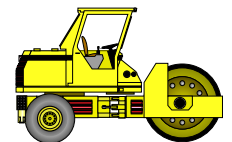
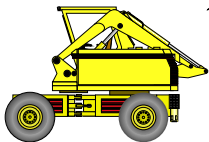
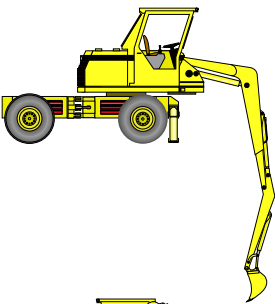


The cost efficiency between **purpose** made and **modular** made machines depends on the simplicity of component assembly and the versatility of modular adaption. Fundamentally, machine types are non-changing; however, technology changes and with it new methods of component delivery and machine assembly to increase the gross margin earning levels in machine building, based on modern modular concepts. Supra Machines are designed for the following machine groups:



CONSTRUCTION MACHINES  
AGRICULTURE MACHINES  
INDUSTRIAL MACHINES  
AUTOMOTIVE MACHINES

The standard prime-mover for each Supra Machine group is designed for system building, the finished component modules are supplied direct to Supra Centres for module assembly and circuit coupling to form the machine types for selected work functions to customer order.



## SUPRA - THE SMART MODULE

The Supra Machine range for the construction group comprises **25** machine types with build number and build weight for each Machine type, which places the machine range in the medium weight class for wheeled machines. The average machine weight is **7,825 kg.** for **single** function and **8,770 kg.** for **dual** function using the **same** prime-mover.

The Supra Machine range is sized to suit the most popular engine power band 80kW to 100kW, which represents **60%** of all self-propelled machines produced worldwide for sale or hire. All Supra Machines have **dedicated** high performance with **100%** weight stability for all modes of operation.

