

## Unique type of Loaders

Several European companies build loaders designed to mount on 3 pt end of tractors and offer the advantage of not requiring counter weights because entire tractor becomes the counterweight. With a conventional front end loader you must often carry some extra weights on 3 pt to balance load in bucket. These rear loaders either mount directly to tow bar or special brackets on the rear axle or merely attach to 3 pt arms like a tiller or mower.

One of the most attractive models is PC640 shown here mounted on a Ferrari Cobram (35 HP or 46 HP) bidirectional tractor. The loader mast is supported at bottom by tractors tow hitch point and upper part of mast pins to top 3 pt Link point. Thus the weight of loader and bucket contents are carried very close to rear axle maintaining good weight distribution over 4 wheels.



This same model loader was originally designed specifically for Antonio Carraro's hydrostatic tractor model Sp 4400 and HST 4400 (38 HP). Loader has a hydraulic jack stand so that mounting and demounting loader is easily done by operators without strain and requires no tools.



A large version of this loader, model 650, is designed for 60 plus HP tractors and mounts to same brackets attached to rear axle of the tractor mounting and demounting is done the same way as the smaller version.



Another loader manufacturer makes a loader similar in capacity to the 650 above, that mounts on 60 HP plus tractors but uses a mounting system like the model PC 640 described earlier.



Still another rear loader manufacturer uses the tractors 3 pt arms to support the entire loader. A hydraulic top link allows loader mast to be tilted to bring load in closer to tractor. Nemag makes 6 models to fit 20 to 130 HP tractors.