AGRICULTURAL MECHANIZATION DEVELOPMENT PROGRAM
Institute of Agricultural Engineering
College of Engineering and Agro-Industrial Technology
University of the Philippines Los Baños
College, Laguna, Philippines

UPLB HAND TRACTOR
(with steering clutch)

For more information, contact:
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FEATURES:

- The steering mechanism is simple in design and can be fabricated by ordinary machine shops
- Made of locally available fabrication materials
- Affordable
- Durable
- Can be operated in stony field condition
- Easy to maneuver due to the presence of steering mechanism

SPECIFICATIONS:

Type of Machine: Single split-type axle, pull type hand tractor
Dimensions (mm):
  - Length: 2050
  - Width: 1045
  - Height: 1000
Weight: 141.0 kg (without engine)
Steering Mechanism: Idler and dog type steering clutch (clutch attached to drive sprockets)
Power Transmission: Belt, pulley and chain and sprocket
Power source: 7.46 kW (10 Hp) engine
Number of operator: one person
Plowing attachment: Single-bottom moldboard plow