

SPOTLIGHT on YAA MACHINERY- KUHN PLOUGH

Manufacturer: Kuhn

Model: Master 102 Mounted Rollover (reversible) Plough

Year of purchase: 2009

Introduction

Tillage practices have changed over the past years. While the primary benefits of mouldboard ploughing is the removal of compaction and increased water infiltration, other agronomic advantages including nearly complete weed control, increased nitrogen mineralization and improved nutrient access has also been achieved.

Complete soil inversion is required to completely bury weed seeds and water repellent soil and achieve optimum benefits. Good plough set-up and use of a skimmer blade which scalps off the topsoil and turns it into the furrow ahead of the mouldboard (which then folds the subsoil on top) is critical for success. <http://www.grdc.com.au/Research-and-Development/Major-Initiatives/Non-wetting-soils/Soil-inversion-mouldboard-ploughing>

Key features

The Kuhn plough allows you to:

- Maintain a high quality soil structure with an efficient burial of organic matter and an even aggregate spread
- Increased crop yields
- Utilize the wide range of settings and overall manoeuvrability to reduce “in field” costs
- Benefit from technological innovations such as reinforced box section, variable width, and protection systems

Operation

- Working width: 14-16”
- Number of furrows (“bodies” or “mouldboards”): 3

Tractor requirements

- Minimum tractor power: 60-70 HP on the lighter, non-irrigated Yukon soils
- Recommended tractor power (Manufacturer): 75 HP
- Maximum authorized tractor power (Manufacturer): 86 HP
- Power Take Off (PTO): No
- Hydraulic connections: Two sets

Transport

- Transport width: >48”
- Overall length: nd
- Weight: 740-965 kg
- Example of appropriate tractor transport:
 - Hitch on three points, max speed 35 km/h
- Example of appropriate trailer transport:
 - Load onto a trailer with a tractor or skid steer

More info

Visit the [Manufacturer's webpage:](http://www.kuhnnorthamerica.com/us/products-plows.html)

<http://www.kuhnnorthamerica.com/us/products-plows.html>

Download the [Equipment manual](#):

https://needmanual.com/kuhn-master-l02-series-reversible-ploughs-agricultural-catalog.html?d=df_m_en&tf=9ef29756cf0d1e66d232c945989036ad&trd=5bea19e844

Rental

For rental rates, visit [YAA website](#):

<http://www.yukonag.ca/equipment.cfm>.

Rental arrangements can be made through the YAA office; please note that YAA membership is a requirement for rental. For more information about rentals or membership, please contact the YAA office:

867-668-6864 or admin@yukonag.ca

