



# SCIMITAR

## TRANSFER ROLLER

### OPERATING INSTRUCTIONS

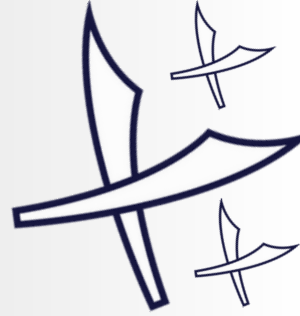


AGRICULTURAL TECHNOLOGIES THAT WORK

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# INTRODUCTION



Scimitar Equipment is a family owned business, with over three decades of hands-on experience in the agricultural industry, has established itself as a trusted provider of robust and reliable farm machinery. Our commitment to service, integrity, and quality craftsmanship is reflected in every piece of equipment we manufacture, ensuring that it not only meets the diverse needs of New Zealand farmers but also withstands the rigors of intensive use across all environments.

Our product range, developed through years of practical experience. We take pride in our ability to offer custom modifications, allowing each machine to be tailored to the specific requirements of different areas and farming conditions.

Located in Masterton, the heart of Wairarapa's commercial sector, Scimitar Equipment is dedicated to providing equipment that is easy to operate, service, and afford. Our innovative approach to design ensures that our machinery is built for the long haul, embodying the essence of true agricultural efficiency and sustainability.

As we continue to innovate and expand our range, we remain steadfast in our promise to deliver unparalleled service and products that embody our core values of commitment and integrity. Trust Scimitar Equipment to be your partner in agriculture, where quality products and customer satisfaction drive everything we do.

**Model:** \_\_\_\_\_

**Serial number:** \_\_\_\_\_

**Purchase Date:** \_\_\_\_\_

# TRANSFER ROLLER



## EXPLANATORY

The Scimitar Transfer Roller utilizes a unique weight transfer system to increase and decrease downward pressure on the roller. The tractor weight can be transferred to the roller from the driver's controls.

A 4-wheel drive tractor is necessary for this operation, as the tractor weight is transferred. The aim is not to lift the rear wheels off the ground but to have them both just making contact with the ground, hence the front wheels are needed for traction.

## OPERATING

1. Connect the Transfer Roller to the 3-point links at the rear of the tractor.
2. Connect the Top Link Ram from the tractor to the Roller.
3. With the Roller sitting on the ground and with the Top Link Ram fully retracted, connect the 10 mm Link Chain securely to the tow bar of the tractor to the Weight Transfer Spring, ensuring there is about 100 mm slack in the chain.

See: Transfer Roller drawing 1.

## CAUTION

Care must be taken when connecting the chain to the tractor tow bar, as serious injury could occur if the chain disconnects during operation.

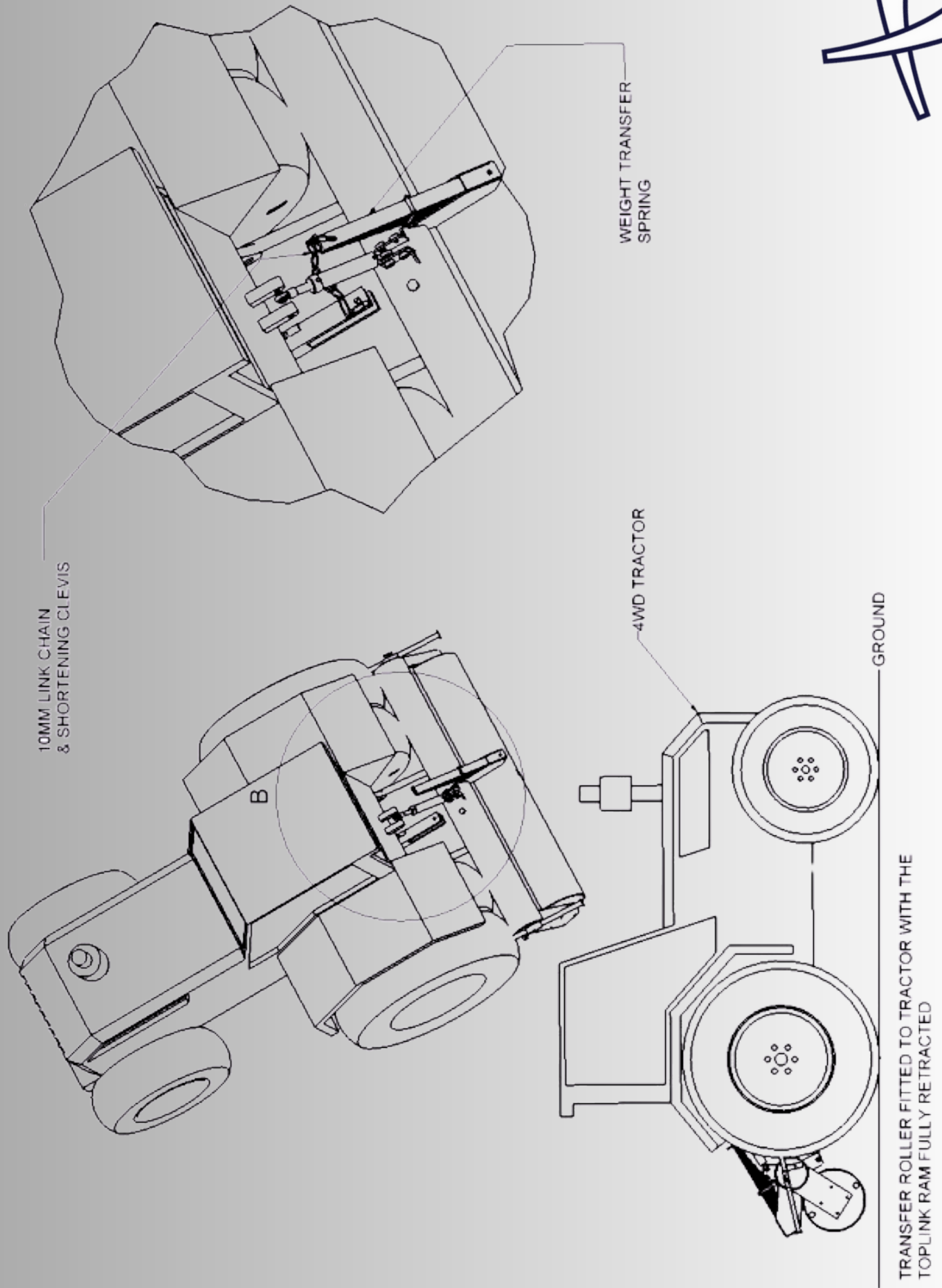
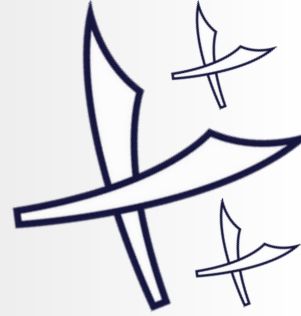
4. With the Link Chain connected, slowly extend the Top Link Ram and observe the rear wheels of the tractor; they should lift up. The aim is not to lift the rear wheels off the ground but to have them both just making contact with the ground. (Make adjustments to the Link Chain on the Transfer Spring to achieve this effect.)

See: Transfer Roller drawing 2.

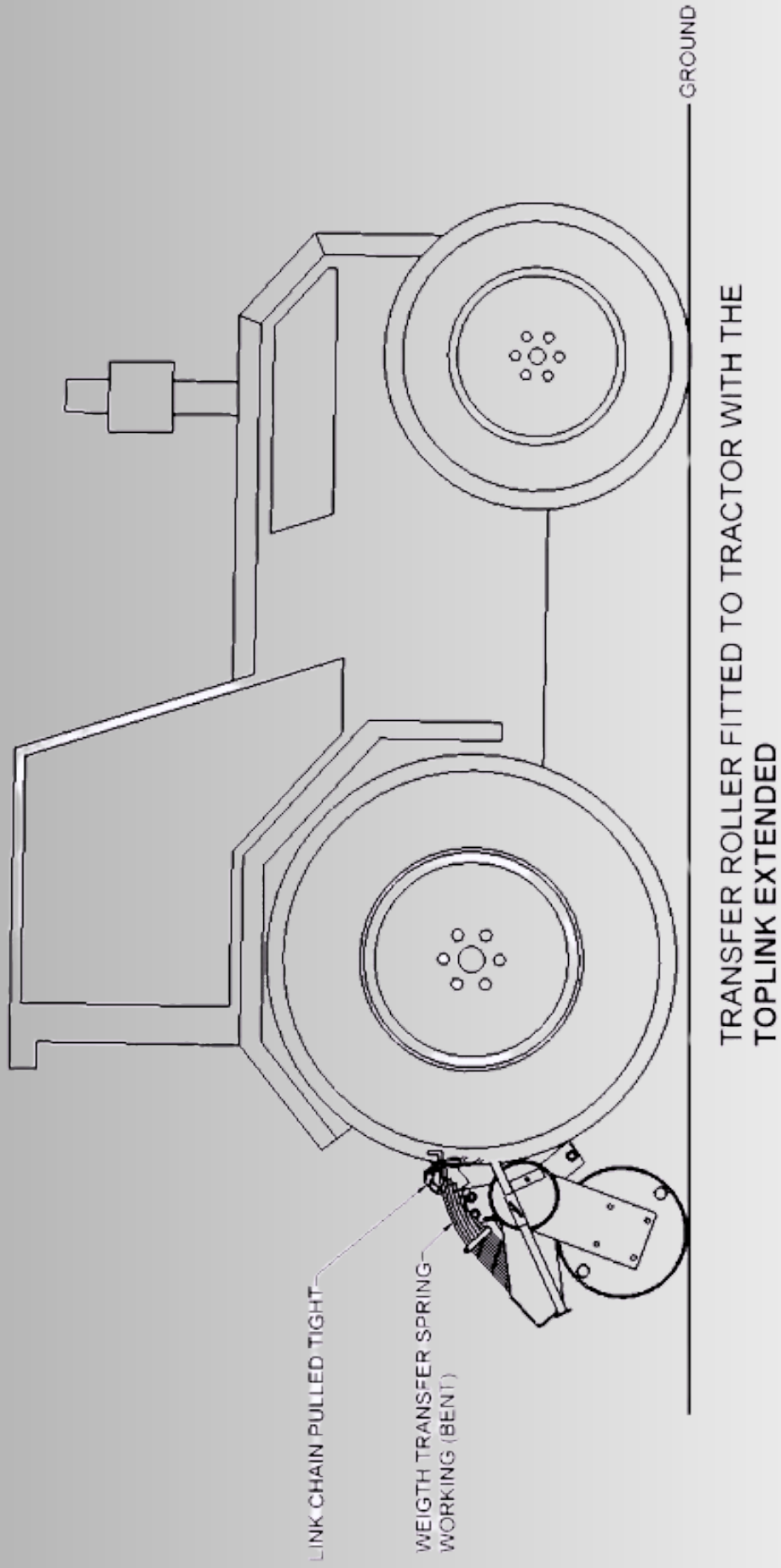
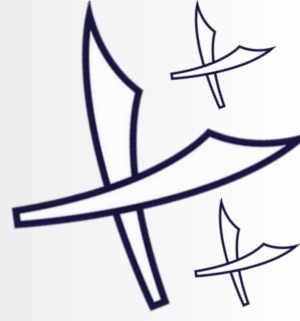
5. When lifting the Roller on the 3-point linkage, the Top Link Ram must be fully retracted before lifting. If the Top Link Ram is not retracted before lifting, damage may occur to the Transfer Spring. Only lift the roller as high as needed to clear the ground.

See: Transfer Roller drawing 3.

# Drawing 1

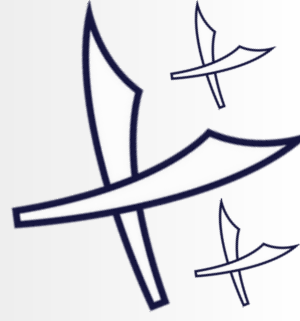
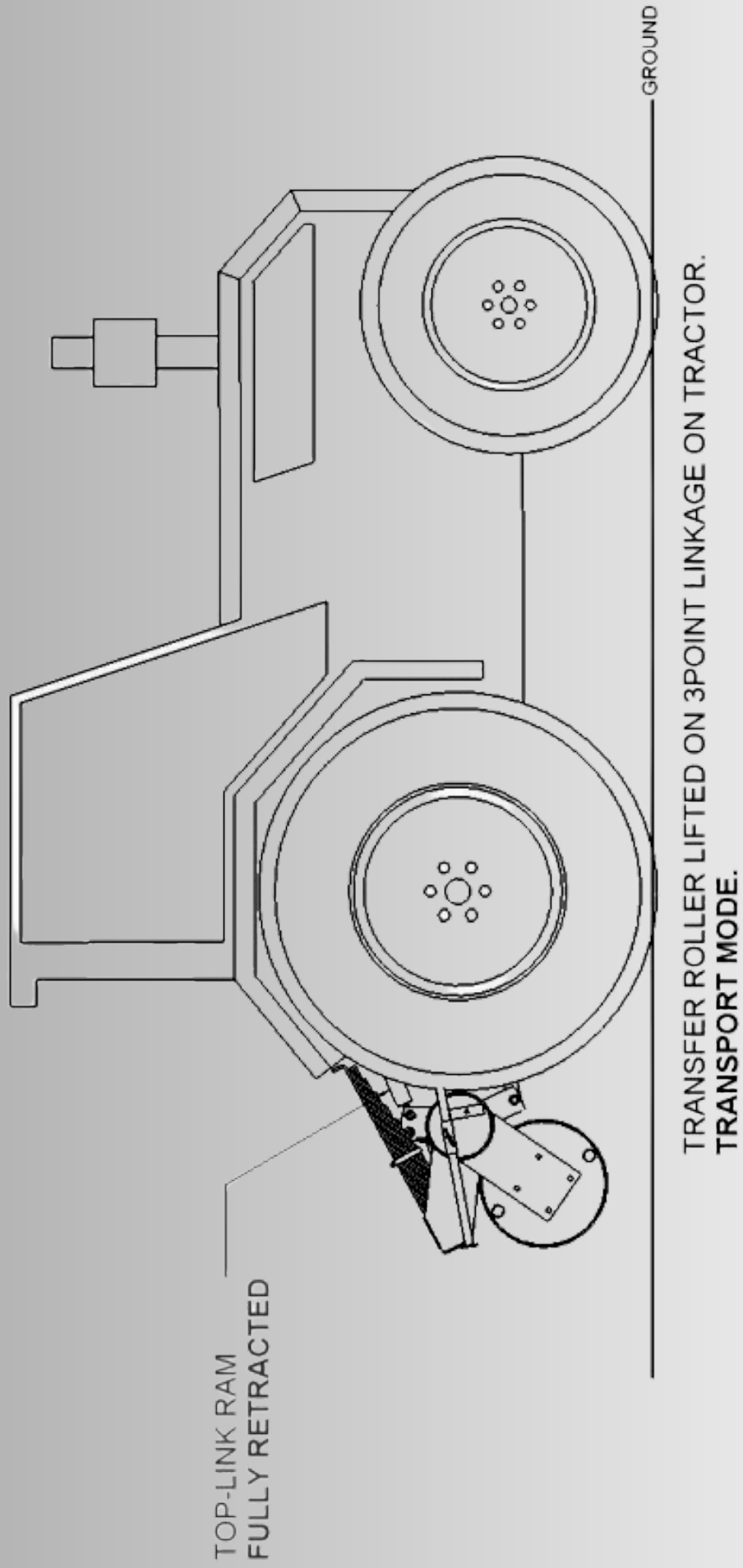


## Drawing 2





## Drawing 3





# SCIMITAR

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