



The **HEMP** Transplanter **#1 in the U.S.A.**

Checchi & Magli



**TRIUM model
(8-row)**

Faster Packs Better Sets Plants Straight Up Optional Water Applicator Completely Adjustable

"My C&M transplanters are the most precise transplanting machines I've ever used. I planted a great hemp crop with them. I now own 5!"

--Elar Jenkins--Hemp farmer in Nevada

"The C&M transplanters set even my tall plugs/clones straight-up and packed them beautifully-- I would not buy anything else!"

--Bomar Agra--Colorado, Owns 8 C&M machines

Whether you are transplanting Hemp directly into the soil or through plastic, farmers all over the U.S.A. will tell you that only C&M has the proven solution!



3-Row Wolf, Plants through Plastic



3- Row Plastic Mulch & Drip Tape Layer



3-Row Trium, Pull-Type with No-Till option

www.BestTransplanter.com

Trium

For planting in **direct ground** (no plastic mulch)

If you are planting into the direct ground (NOT through plastic mulch cover), then the best option is our Trium carousel model. This features a 10 cup carousel and is our fastest transplanter and does an amazing job planting even the taller hemp plants straight up in the ground. C&M transplanters are the only carousel transplanter that will plant a tall plant (even as tall as 16").

TRIUM Model Key Advantages:

- Faster and packs plugs/clones deep and straight up
- Easy to adjust timing, depth, packing, etc.
- Drive wheels propel all row units (from hex shaft)
- Maximizes productivity -10 cup carousel (standard)
- 20"- 72" row-to-row spacings, easily adjustable
- Plant-to-plant spacings 12"- 40" (using every cup)
- Plant-to-plant spacings 40"- 80" (using every other cup)
- **Approx-- 1,500 plants/hour/row for hemp-** the closer the plant-to-plant spacing, the greater the productivity



4-Row Trium



3 Horizontal Racks

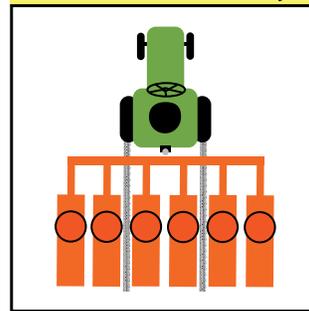


10 cup carousel

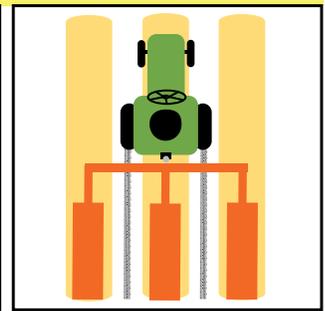


5- Row Trium sets plants straight up

How many rows do I need?



Even number of rows for 48" row-to-row spacing or less



Odd number of rows for 50" row-to-row spacing or more

No transplanter is made to plant behind the tractor tires. So we need to avoid positioning any row units behind or directly over the rear tire tracks.

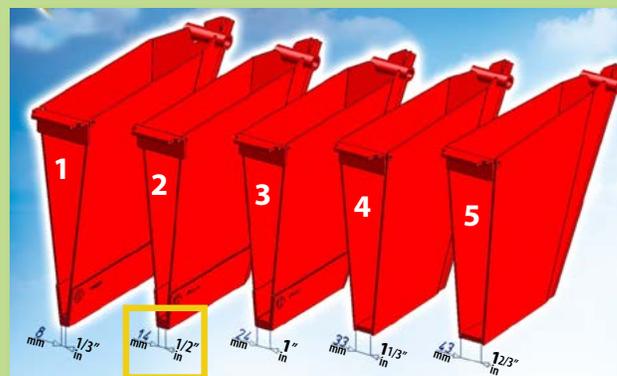
All of our machines are adjustable as to the row spacings - our drive wheels must drive behind the tractor tires. When planting through plastic, we have to consider odd number of rows - because **we cannot plant behind the tractor tires** - and we have to plant on top of the plastic bed. **So these machines will be sold in configurations like 1 row, 3 row, or even 5 row.** The most common size of row-to-row spacings for planting through plastic are 60", 72" and 80".

It is important however that you let us know your desired row spacing so that we can be sure we have enough tool bar available for your desired row spacing.



8-Row Trium

C&M offers 5 different size shoes for our Trium model - the shoe is what the plug/plant falls down into prior to be kicked out into the soil, then firmly packs. **It is important to let your dealer know the size of plugs/clones to identify the right shoe size you will need.**



The #2 shoe is standard on all Trium machines



Wolf or WolfPro For planting through plastic mulch

If you are planting through plastic mulch cover, we have two models to offer - the Wolf and the Wolf Pro. However, these two models **both can plant either through plastic or direct ground.**

Wolf & WolfPro Models--Key Advantages:

- Cups turn in a "ferris wheel motion" (Wolf & WolfPro models have cups, the Trium model has "shoes & kickers")
- Cuts through plastic
- Places plant deep into ground
- Packs the plant--packing the dirt around the ground is crucial to the survivability of the plant. (Water Wheel type planters do NOT pack)
- Adjustable pressure on rubber packing wheels
- Twice as fast as Water Wheel systems and less labor

What is your desired **plant-to-plant spacing?**

# of CUPS	Wolf				WolfPro
	← inches plant-to-plant →				
1	53 $\frac{1}{8}$	58 $\frac{1}{4}$	65	68 $\frac{1}{8}$	78 $\frac{3}{4}$
2	26 $\frac{3}{8}$	29 $\frac{1}{8}$	32 $\frac{1}{4}$	34 $\frac{1}{4}$	39 $\frac{3}{8}$
3	17 $\frac{3}{4}$	19 $\frac{3}{4}$	21 $\frac{5}{8}$	22 $\frac{3}{4}$	26
	Use these settings for the smallest tear in plastic				One spacing per cup = small cut in plastic

Numbers can change slightly with varying speeds and conditions

WolfPro



WolfPro Model Key Advantages:

- **FASTER**
- **Electronic watering of plants**
- after plant is packed
- **Easy to change out the cups**
- **Cups last longer**
- **Small tear in plastic**

The key is to determine what the desired plant to plant spacing you need.

For hemp - using the Wolf Pro, we really have 3 options -

(see the planting chart above) -

3 cups - Approx 26" plant-to-plant

2 cups - Approx 39" plant-to-plant

1 cup - Approx 78" plant-to-plant

We highly recommend the **Wolf Pro** if your desired plant to plant spacing fits into one of these three distances.

Wolf



If the WolfPro does not fit your spacing needs or budget, we can offer the Wolf model. One advantage of the Wolf is that we can vary slightly the plant to plant spacing - but the further from the middle of the chart, the longer the cut in the plastic (the longer the cup stays in the plastic and therefore makes a longer tear). The Wolf also has a watering device but it drops water in the cup just before going into the ground.



Common Tray Plug Sizes for Hemp

Here are some common size hemp trays for our shoes:

- 188 count •98 count
- 128 count •72 count



See page 2 of this brochure for Trium shoe sizes.

Healthy Root Plug

In addition to well cultivated ground, we stress the need of a healthy plug plant - one with the roots wrapped tightly around the plug to ensure that no part of the soil falls off in the plug tray. This is imperative-- for the life of the plant, for the consistent planting of the plants in the ground and to help the person sitting in one of our chairs to be able to pull the plugs out at a speed which will not delay or hinder his/her rhythm of putting plants in the cups. We strongly recommend you leave your plugs/clones in the trays and then load the trays on our racks. The people feeding the plants can pull the plugs out easily. Again the key is that the plugs/clones must be grown in greenhouses in such a way as to have a firm/tight root/plug.



As long as the clones/plugs are less than 2.5" wide on top they will fit in the planting cups for the Trium, Wolf or WolfPro.

We recommend the deep perforating cups for Wolf/WolfPro to ensure proper planting depth.



TRIUM cup reducers & cup extensions



COMMON OPTIONS USED BY HEMP GROWERS



3-POINT HITCH (standard)

OR



PULL-TYPE (optional)

Includes extra storage racks and a large water tank



WAVY OPENING DISC

Cuts a lane ahead of the shoe



HORIZONTAL TRAY RACKS (optional)

Allows for more plant storage which means less down time



SYNCHRONIZED WATERING DEVICE

Drops water with every plant - (tank not included)



NO-TILL OPTION

Works amazing and ideal for cover crop



The 3-Row Plastic Mulch Layer

If you prefer to prepare your beds and lay plastic first, we offer our 3-row plastic mulch layer. Efficient and fast at preparing your farm for transplanting.



For more videos search YouTube for "C&M Transplanter"

www.checchiemagli.com

Checchi & Magli www.BestTransplanter.com

Authorized Dealer

For more info, video, brochures and charts please visit:

www.BestTransplanter.com

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