

# CPT 4'' R&D

## SOFTGEL ENCAPSULATION SYSTEM

### All-In-One Standard & Vgel Production

The CapPlus CPT 4'' R&D softgel production system is a space saving, stand alone, all-in-one softgel encapsulation system capable of full production duties. With speeds up to 5 RPM and production volumes up to 28,000 softgels per hour this is an attractive system for cost conscious start-ups, smaller production batches, or research and development.

#### A Closer Look

- All-in-one set up includes everything you need to get up and running
- Variable operating speeds up to 5RPM
- Compact size allows for smaller footprint
- Quick and easy replacement of change parts
- Suitable for use in nutraceutical, pharmaceutical, food, and recreational industries
- Color touchscreen control provides easy production management
- Tumble dryers have large, high powered centrifugal fans
- Vgel plant based gelatin option

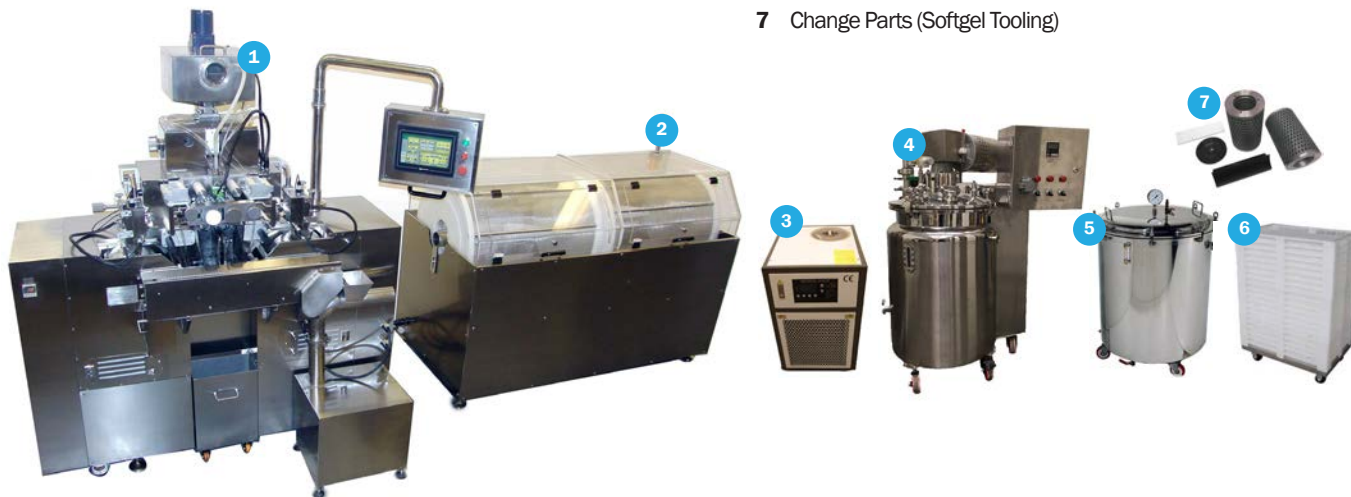
Vgel & Standard Gelatin  
Compact Design  
All-In-One Solution

\* Shown with chilling drum and 2 tumble dryers



### Complete System Includes

- |                            |   |  |
|----------------------------|---|--|
| 1 4'' Softgel Encapsulator | 3 Chilling System for Cooling Drums     | 5 120 Liter Fill Material Service Tank |
| 2 Tumble Dryer (1)         | 4 105 Liter Gelatin Melting/Mixing Tank | 6 Drying Trays & Dollies               |
|                            |   | 7 Change Parts (Softgel Tooling)       |



## CPT 4" R&D Softgel Encapsulator

The CapPlus CPT 4" R&D softgel production system is a space saving, stand alone, all-in-one softgel encapsulation system capable of full production duties.

### Specifications

<b>Type</b>	Standard & Vgel versions
<b>Speed</b>	Rated up to 5 RPM
<b>Volume</b>	Rated up to 28,000 per hour
<b>Die Rolls</b>	4"
<b>Dimension</b>	1050mm (H) x 650mm (D) x 1800mm (W)
<b>Weight</b>	500kgs
<b>Power</b>	220V, 3 phase, 60hz, Max 3kw req
<b>Tumble Dryers</b>	1



Medicine pump



Wedge



Color touch screen



Lubrication roller



Die rolling housing



Spreader box

### Production Estimates

Size/Shape	Cavities	Output Per Hour (@ 4 RPM)
#6 Round	119	28,560
#40 Round	60	7,200 (@ 2 RPM)
#11 Oblong	60	14,400
#20 Oblong	54	12,960
#5 Oval	105	25,200
#10 Oval	72	17,280

*Production rates may vary depending on machine speed, fill material viscosity, and operator experience*

## Contact For More Information

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Call 623-582-2800 for more information.

## CPT 4" R&D All-In-One System

The CPT 4" R&D Softgel Encapsulator all-in-one system would include:



**Chilling System** The chilling unit is modular to fit your available floor space



**Gel Melter** Gelatin melting and mixing tanks are made from all stainless steel construction with sanitary stainless steel valves and clamps, a triple wall jacket with breather, and a manual hydraulic lid lifting system. Available in 105, 200, or 300 liter capacity.



**Fill Tank** 120 liter service tank for transporting and feeding your fill material for encapsulation.



**Drying Trays** The softgels come out of the tumble dryers and are placed on paper lined drying trays. The trays are then stacked on dollies and pushed into drying tunnels.



**Tumble Dryers** Each tumble dryer has a large, high powered centrifugal fan, and is equipped with an anti-static device to prevent softgels from sticking due to electromagnetic charge build-up.

## CPT Softgel Tooling

CPT Softgel Tooling is custom made to meet your needs with a 2-week turnaround. It features harder aircraft grade aluminum, colored timing marks, and "bead blasting" to minimize gel adhesion.



Complete set includes

- 2 die rolls with stainless steel inserts
- Teflon® ceramic coated aluminum wedge
- Solid Teflon® distribution plate
- Industrial, compact storage case
- Timing gear

