

# SEVEN

ECO MULCHER®

## EXCAVATOR MOUNTED MULCHERS

**Can fell and mulch trees up to 16" diameter.**

Mulchers for Excavators from 5 to 40 Tonnes.



**Model THK 150**  
(shown with optional mounting bracket).



*Environmentally friendly, cost effective solution to land clearing.*

*Take down standing trees with ease.*



*Railway and hydro corridor land clearing applications.*



**Call 1-800-461-4299**  
[www.excavatormulcher.com](http://www.excavatormulcher.com)

### Four models and various widths to choose from:



**THE**

**5 - 12 tonne Excavators**

Cut and Mulch Wood up to 130mm/5 in. Dia.



**THB\***

**12 - 20 tonne Excavators**

Cut and Mulch Wood up to 200mm/8 in. Dia.



**THK\***

**20 - 28 tonne Excavators**

Cut and Mulch Wood up to 300mm/12 in. Dia.



**THX\***

**25 - 40 tonne Excavators**

Cut and Mulch Wood up to 400mm/16 in. Dia.

| SPECIFICATIONS<br>MODEL         | THE            |                |                | THB                |                    |                    | THK            |                |                | THX            |                |
|---------------------------------|----------------|----------------|----------------|--------------------|--------------------|--------------------|----------------|----------------|----------------|----------------|----------------|
|                                 | 075            | 100            | 125            | 100                | 125                | 150                | 125            | 150            | 180            | 150            | 180            |
| Working Width (cm/in.)          | 75 / 29        | 100 / 39       | 125 / 49       | 100 / 39           | 125 / 49           | 150 / 59           | 125 / 49       | 150 / 59       | 180 / 71       | 150 / 59       | 180 / 71       |
| Total Width (cm/in.)            | 105 / 41       | 130 / 51       | 155 / 61       | 137 / 54           | 162 / 64           | 187 / 74           | 173 / 68       | 198 / 78       | 228 / 90       | 198 / 74       | 228 / 90       |
| Req. Excavator Wt. (Tonnes)     | 5 - 12         | 5 - 12         | 5 - 12         | 12 - 20            | 12 - 20            | 12 - 20            | 20 - 28        | 20 - 28        | 20 - 28        | 25 - 40        | 25 - 40        |
| Pressure in Bars (min. - max.)  | 180 - 280      | 180 - 280      | 180 - 280      | 180 - 280/380**    | 180 - 280/380**    | 180 - 280/380**    | 200 - 380      | 200 - 380      | 200 - 380      | 250 - 380      | 250 - 380      |
| Flow (L per min.) (min. - max.) | 60 - 160       | 75 - 160       | 90 - 160       | 100 - 170          | 115 - 170          | 125 - 170          | 180 - 250      | 180 - 250      | 200 - 250      | 180 - 300      | 200 - 300      |
| Rotor Dia. (mm/in.)             | 170 / 6.69     | 170 / 6.69     | 170 / 6.69     | 200 / 7.87         | 200 / 7.87         | 200 / 7.87         | 245 / 9.65     | 245 / 9.65     | 245 / 9.65     | 300 / 11.811   | 300 / 11.811   |
| Rotor Axle Thickness (mm/in.)   | 12 / .472      | 12 / .472      | 12 / .472      | 16 / .629          | 16 / .629          | 16 / .629          | 20 / .787      | 20 / .787      | 20 / .787      | 20 / .787      | 20 / .787      |
| Rotor Axle Dia. (mm/in.)        | 50 / 1.97      | 50 / 1.97      | 50 / 1.97      | 60 / 2.362         | 60 / 2.362         | 60 / 2.362         | 60 / 2.362     | 60 / 2.362     | 60 / 2.362     | 60 / 2.362     | 60 / 2.362     |
| Rotor Cutting Dia. (mm/in.)     | 325 / 12.795   | 325 / 12.795   | 325 / 12.795   | 413 / 16.259       | 413 / 16.259       | 413 / 16.259       | 455 / 17.913   | 455 / 17.913   | 455 / 17.913   | 508.5 / 20.019 | 508.5 / 20.019 |
| Minimum Rotor Speed (rpm)       | 1800           | 1800           | 1800           | 1500               | 1500               | 1500               | 1500           | 1500           | 1500           | 1500           | 1500           |
| Maximum Rotor Speed (rpm)       | 2500           | 2500           | 2500           | 2000               | 2000               | 2000               | 2000           | 2000           | 2000           | 2000           | 2000           |
| Min. Lineal Speed (mps)         | 30.63          | 30.63          | 30.63          | 32.44              | 32.44              | 32.44              | 32.44          | 32.44          | 32.44          | 39.94          | 39.94          |
| Max. Lineal Speed (mps)         | 42.54          | 42.54          | 42.54          | 43.25              | 43.25              | 43.25              | 43.25          | 43.25          | 43.25          | 53.25          | 53.25          |
| Number of Hammers (F19)         |                |                |                | 22                 | 28                 | 34                 | 30             | 36             | 44             | 36             | 44             |
| Number of Hammers (F20)         |                |                |                | 2                  | 2                  | 2                  | 2              | 2              | 2              | 2              | 2              |
| Number of Hammers (F09)         | 20             | 26             | 32             |                    |                    |                    |                |                |                |                |                |
| Counterblades                   | 3 inter. rows  | 3 inter. rows  | 3 inter. rows  | 1 fixed + 2 inter. | 1 fixed + 2 inter. | 1 fixed + 2 inter. | 2 inter.       | 2 inter.       | 2 inter.       | 2 inter.       | 2 inter.       |
| Coupling Plate                  | Screwed Flange | Screwed Flange | Screwed Flange | Screwed Flange     | Screwed Flange     | Screwed Flange     | Screwed Flange | Screwed Flange | Screwed Flange | Screwed Flange | Screwed Flange |
| Number of Belts and Type        | 1 Poly Chain   | 1 Poly Chain   | 1 Poly Chain   | 6 XPB              | 6 XPB              | 6 XPB              | 6 XPB          | 6 XPB          | 6 XPB          | 6 XPB          | 6 XPB          |
| Side Skids                      | Screw fixed    | Screw fixed    | Screw fixed    | Adjust. 3 pos.     | Adjust. 3 pos.     | Adjust. 3 pos.     | Adjust. 2 pos. | Adjust. 2 pos. | Adjust. 2 pos. | Adjust. 2 pos. | Adjust. 2 pos. |
| Weight (kgs / lbs)              | 365 / 804      | 410 / 903      | 455 / 1003     | 965 / 2127         | 1050 / 2314        | 1110 / 2447        | 1259 / 2775    | 1314 / 2896    | 1364 / 3007    | 1620 / 3571    | 1760 / 3880    |
| Transport Dim. L x W x H (mm)   | 585x1082x769   | 585x1332x769   | 585x1582x769   | 885x1374x829       | 985x1624x829       | 985x1874x829       | 1076x1714x870  | 1076x1964x870  | 1076x2264x870  | 1250x1990x940  | 1250x2290x940  |
| (in.)                           | 23x43x30       | 23x52x30       | 23x62x30       | 35x54x33           | 39x64x33           | 39x74x33           | 42x67x34       | 42x77x34       | 42x89x34       | 50x79x37       | 50x91x37       |

380\* is the maximum pressure for motors with a fixed displacement

The weight of the machines is approximate, it refers to the standard version with any options and it may vary. The information and images contained in this document are to be considered reference values. The St. George Company reserves the right to make changes without notification.

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\*SHOWN WITH OPTIONAL MOUNTING BRACKET.

\*\* MAX PRESSURE FOR MOTORS WITH FIXED DISPLACEMENT 63 CC AND 80 CC



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