



Garden Series BED SHAPER

Simplified field equipment
for **HOMESTEADS**
or **HOBBY FARMS**

1021



Multi-Tool Kits:

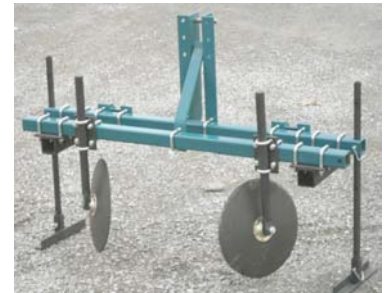
Shaper pan can be installed on cultivator frame - page 16

Model **For 15-25 HP sub-compact tractors**

1021-24	54" toolbar width	24" shaper pan / bed top
1021-30	54" toolbar width	30" shaper pan / bed top

- 4" bed height
- Two 14" shaping disks

Form simple ridges or hill potatoes. Choose single or double toolbar. Parking stands sold separately. See Page 16.



GARDEN EQUIPMENT PRIMER

BED SHAPERS

Bed shapers essentially grade the land to form furrows as bed tops are filled and firmed by a shaper pan. Fields are conventionally "clean", or mostly free from visible residue, which allows soil to flow through the pan. Clean tillage practices also benefit plastic mulch layers, most planters and cultivators. Other bed shaper designs are available for reduced tillage or permanent bedding methods, which is growing in interest.

By definition, raised beds are wide to support multiple plant rows, provide consistent application of plastic mulch and avoid over-drying. The width of sub-compact tractors tends to allow one or two crop rows per bed, maybe three, depending on the crop. Narrow raised beds are better known as ridges, which usually support one crop row, are not used with plastic mulch and can be susceptible to over-drying, which should not matter with irrigation. Further, bed shapers for narrow beds may not need the shaper pan feature.

Raised beds offer the same benefits as ridges, hills or even garden boxes. Since the beginning of agriculture, it has been known that a raised area for plants offers a consistent zone of moisture and temperature control.



Raised beds help equalize the growing environment across a field and across different soil types. Bed tops dry first and more evenly for more predictable planting. Excessive rain can be quickly drained, which avoids saturation and improves pest and disease control. Raised beds are generally beneficial to crops while there is no inherent detriment.

The 1021 Bed Shaper is available with shaper pan choices for 24" or 30" bed top. If the tractor should drive over beds for other field work, the bed top should fit between tractor wheels. Tractor wheel spacing is the prime factor to set-up crop row spacings for mechanization. Tractors with adjustable wheel spacing and relatively narrower tires are more versatile for row crop use.

PRIMER CONTINUES NEXT PAGE...