



MODEL 620M2---TRIM BEEF NECK BONES. BALL PARK AVERAGE,
AN OPERATOR CAN TRIM 15-CATTLE/HR (OR 30 PCS OF NECKBONE)

MODEL 620M2--NECK BONE TRIMMING--BEEF

Using the Model 620M2 to harvest lean (85/15) from Neck Bones:
Each Plant will have a different bone handling system, based on their
beef marketing Program.

Here is one Yield Test Example.

1) Green wt of bones:(Fat cattle)	lb	310.7
2) Number of bones--(neck only, no ribs attached)	pc	38
3) Lean Trimmings wt---Time= 1 Hr.	lb	34.8
4) Yield Percentage(34.8 lb/310.7lb)	%	11.2
5) Total Hrs/Shift	hr	7.75
6) Total Lean Harvest/Shift/Operator	lb	269.7
7) Value of Lean--USDA Market Report--\$/lb		\$ 1.97
Rendering Value of Bones \$/lb		\$ 0.05
8) Value of Daily Lean Harvest/Operator		\$ 531.31

9) ECONOMIC SUMMARY;

Yearly Revenue Generated/Operator		\$ 138,140.34
Yearly Pounds of Bones/Operator	lb	601981.25
Yearly Revenue Generated from Rendering		\$ 30,099.06 (non trimmed bones)
Yearly Revenue Generated form Rendering		\$ 26,727.97 (cleaned bones)

10) Total Profit Analysis:

SECOND YEAR FORWARD

Revenue/Yr from Lean and Cleaned Bones	\$ 164,868.31	\$ 164,868.31
Revenue/Yr from non-trimmed bones	\$ 30,099.06	\$ 30,099.06
Minus Cost of Maintenance/Yr/620	\$ 1,183.00	\$ 1,183.00
Minus Cost of Labor	\$ 35,000.00	\$ 35,000.00
Minus Cost of Utilities (\$0.50/day or \$130/Yr	\$ 750.00	\$ 750.00
Minus Cost of Equipment (\$2245)	\$ 2,245.00	
Minus Cost of Bettcher Manager Visit	\$0.00	\$0.00

11) Contribution to Profit: \$ 95,591.25 \$ 97,836.25