



Beef, Poultry, and Pork are
Part of a Healthy Diet



Rendering Process Recycles
Waste Animal Meat,
Bone, and Tissue into
Usable Products

What is Offal?

Question

About 50-percent of every animal slaughtered is not fit for human consumption. I understand the rendering process recycles this material into usable resources. What is the meat, bone, and tissue called that is not consumed by humans?

Answer

Offal is the waste or by-product of a butchered animal that is inedible for humans. It is generally considered non-muscle meats but may include waste meat with muscle. Offal is the parts of an animal carcass discarded after slaughter and is rendered for use in fertilizer, fuel, animal foods and even in makeup and explosives.

Raw material at the feed end of a rendering plant is considered Offal. It is loaded into a meat bin and metered by screw feeders to magnetic separation and then to a grinder or pre-breaker. The meat is then processed by cookers to create Crax, fat, and oils.

Offal screw feeders and conveyors are the largest and most rugged in the plant. Screw diameters are typically 18, 20, 24 and even 30-inch. Offal screw feeders and conveyors are very special in design with extended sidewalls and keyhole troughs. Keyhole trough design is explained in another Ask the Experts article.

KWS has developed Rendering Industry standards for Offal screw feeders and conveyors. We have been exceeding the needs of the Rendering Industry since 1972.



Offal Screw Feeders and Conveyors are
Largest and Most Rugged in a Rendering Plant



KWS Keyhole Trough Screw Conveyor
Ready for Shipment



**Design
Engineering
Manufacturing**

KWS Manufacturing

3041 Conveyor Drive
Burleson, Texas 76028

Toll Free: (800) 543-6558

Phone: (817) 295-2247

Fax: (817) 447-8528

www.kwsmfg.com