

COMPACTS ANY SOIL INTO BRICKS

New "Earth Ram" Makes Buildings "Dirt Cheap"

Building with dirt is a practice as old as the Indians of the Southwestern United States and the new Earth Ram, manufactured in Mesa, Arizona, the heart of "adobe country", makes use of the area's "dirt technology" to make "dirt building" a reality anywhere.

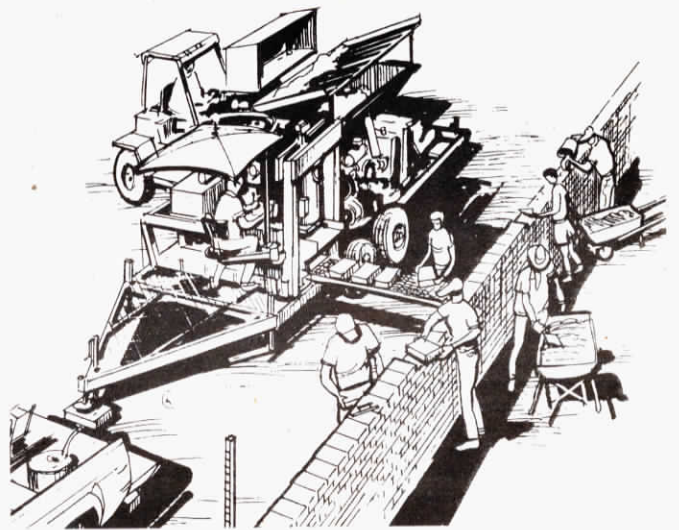
The Earth Ram makes solid, uniform size bricks from any type of soil without adding water, cement or mortar of any kind. Using tremendous pressure, it simply compresses dirt straight from the ground into bricks up to 12 by 16 by 4 in. in size. The bricks can be laid into a wall immediately after being made with conventional mortar, slurry bonds or no bonding agent at all, depending on the soil type, according to Allen Jones, sales representative for the manufacturer.

"The Earth Ram exerts 225,000 lbs.

of pressure, making blocks averaging 45 lbs. each at a rate of about 300 per hour. The machine is portable and you can lay the bricks directly into a wall as you make them." Jones told FARM SHOW.

Earth Ram bricks are four times stronger than conventional adobe bricks commonly used in the Southwest, according to Jones. He notes that adobe bricks are made from certain mixtures of soil, and sun dried for several days, while the Earth Ram uses most any soil and the bricks can be used immediately.

The Earth Ram is a portable machine rigged for road travel. A John Deere diesel powers its hydraulic ram, conveyors and augers. It makes four different brick sizes and can switch to a different size in about 15 min. At least three men are needed to operate it — one to load it with dirt,



Bucket loader loads damp earth into Earth Ram. It presses the dirt into blocks which are laid in position and bonded together. They can be laid into a wall as they're made.

another to level and load dirt under the ram, and a third to take bricks off the conveyor.

The Earth Ram sells for \$50,000 and is being used by several custom operators in the Southwest. The standard charge for bricks is 12 cents

each, including fuel, labor and the machine.

For more information, contact: FARM SHOW Followup, Allen Jones, Earth Ram, 2129, N. Country Club Drive, Mesa, Ariz. 85201 (ph 602 834-4002 or 834-4213).



Besler bale carrier handles 8 to 14 bales.

FITS ANY 2-TON FARM TRUCK

Truck-Mounted Big Bale Carrier

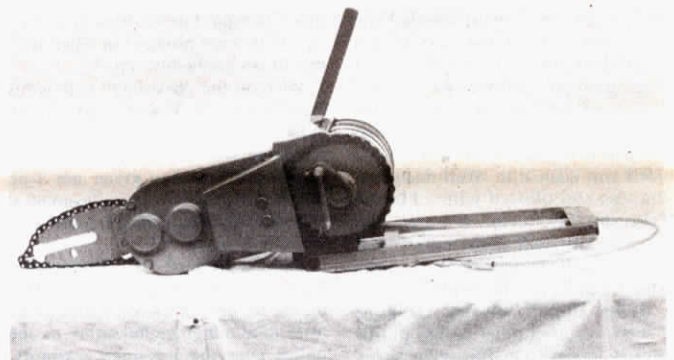
"This truck-mounted bale carrier makes transporting big round bales easier and faster, especially if you have a lot of bales to move between scattered fields or farms," says Jim Tellus, production manager for Besler Industries, Cambridge, Neb.

Besler is building four sizes — in 16, 19, 22 and 25 ft. lengths — which carry from 8 to 14 bales. All models are 9½ ft. wide and fit on any 2-ton farm truck. By using the truck hoist, the bales can be deposited on the ground in a neat stack just as they were loaded on the carrier. A tractor loader can be used to stack bales onto the carrier.

The bale carrier mounts on the truck bed with only 3 mounting brackets. It's made of 2-in. square steel tubing that allows the bales to slide off easily. The carrier comes shipped in two halves to save on shipping costs.

Sells for \$890 to \$1,085, depending on size chosen. Dealer inquiries welcome.

For more information, contact: FARM SHOW Followup, Besler Industries, Inc., P.O. Box B, Cambridge, Neb. 69022 (ph 308 697-4698).



Lewis winch mounts in place of the bar on your chain saw.

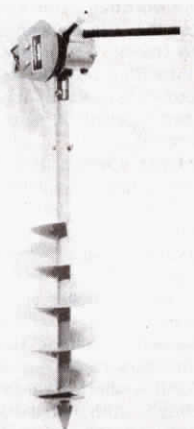
Your Chain Saw Powers This Winch

You can pull or lift up to 8,000 lbs. with the new Lewis winch that's powered by your chain saw. It fits any chain saw and can be used to pull a car or pickup truck that's stuck or in the ditch.

Loggers use it to pull logs out of inaccessible places, or to clean up an area. Sportsmen use it to drag deer or other big game out of the woods. Farmers and ranchers use it as a fence tightener, for moving machinery onto trailers, for dragging dead animals, and for dozens of other uses.

The 20 lb. winch comes equipped with either 250 ft. of ¼ in. cable, or 150 ft. of 3/16 in. cable. Price of the winch, with cable, is \$365. A snatch block is an additional \$15.35.

For more information, contact: FARM SHOW Followup, Fred A. Lewis Co., 40 Belknap Rd., Medford, Ore. 97501 (ph 503 772-9646).



Also available from the Lewis Co. is this chain-saw driven, post-hole auger.