

Hydraulic Baling Press

CAPABILITY SHEET · TIE IT BEFORE YOU LET GO · A BALE THAT HOLDS ITS SHAPE, PRESSED, TIED AND EJECT

THE ONE IDEA

PRINCIPLE	Tie it before you let go.
WHY IT MATTERS	Loose material is mostly air and springs back when the ram lets go. So the press holds the bale under pressure while wire or strap is tied round it, and only then lets go and ejects the bale clean.

THE PRESS

FRAME AND CHAMBER	A stiff frame and a closed pressing chamber with wear liners, carrying the full force without bowing.
RAM AND POWER	A ram driven by hydraulic cylinders, with a smooth approach and a firm hold at the end of the stroke, and a power pack with relief and a cooler.
FEED	A hopper or a conveyor that keeps the chamber full, with a sensor that shows when it is, and a shredder ahead of the press for mixed or bulky material.
TIE AND EJECT	A tying system that passes wire or strap round the bale while it is held, and an ejection by a second ram, a lifting door or a tilting chamber.

THE METHOD

ORDER	Specify, size, build, calibrate, run and prove. Showing that the bale holds and that the ties hold are what a quick order skips.
LIMITS	Forces, sizes, weights, times and rates come from the material and the site, and are not printed here.

CONFIGURATIONS

VERTICAL BALING PRESS	A vertical chamber pressed by a downward ram, tied and ejected, for plastics, paper and light scrap where the stream is modest.
HORIZONTAL BALING PRESS	A horizontal ram in a long chamber, fed by a hopper or a conveyor, with automatic tying and ejection, for a steady stream.
SHREDDER-FED LINE	A shredder ahead of a press, so that mixed or bulky material is made even before it is pressed.

STANDARDS & SCOPE

STANDARDS	Public reference: EN 16252 for the safety of horizontal baling presses for waste materials and recyclable fractions.
SCOPE BOUNDARY	It is the hydraulic baling press: not a hydraulic press machine, not a mobile chain conveyor and not an incinerator.
STATUS	Neometrix engineers hydraulic baling presses to order, and no delivered hydraulic baling press is claimed.

DEFENCE PROGRAMMES DESK

sales@neometrixgroup.com · +91 7777 876 876 · neometrixgroup.com
Neometrix Defence Limited · E-148, Sector 63, Noida, Uttar Pradesh, India