

Y83 Series of Briquetting Presses are used to press metal chips into metal blocks. The direct cause of using Briquette Press is that the metal chips under disheveled condition is not easy to input the smelting furnace, the high temperature or the high pressure may blow the metal chips away, the Briquette Press well solved this problem. Furthermore, the metal blocks are easy to convey and stock.

Y83 series of Briquetting Presses are mainly used for processing following metal chips: cast iron chips & borings, aluminum chips & borings, brass chips & borings, copper chips & borings, manganese chips, and metal cuttings, steel chips ... etc and all kinds of metal chips from machining! The length of chips, borings or small turnings should not longer than 20mm, for long turnings you should crushed before briquetting on this machine.

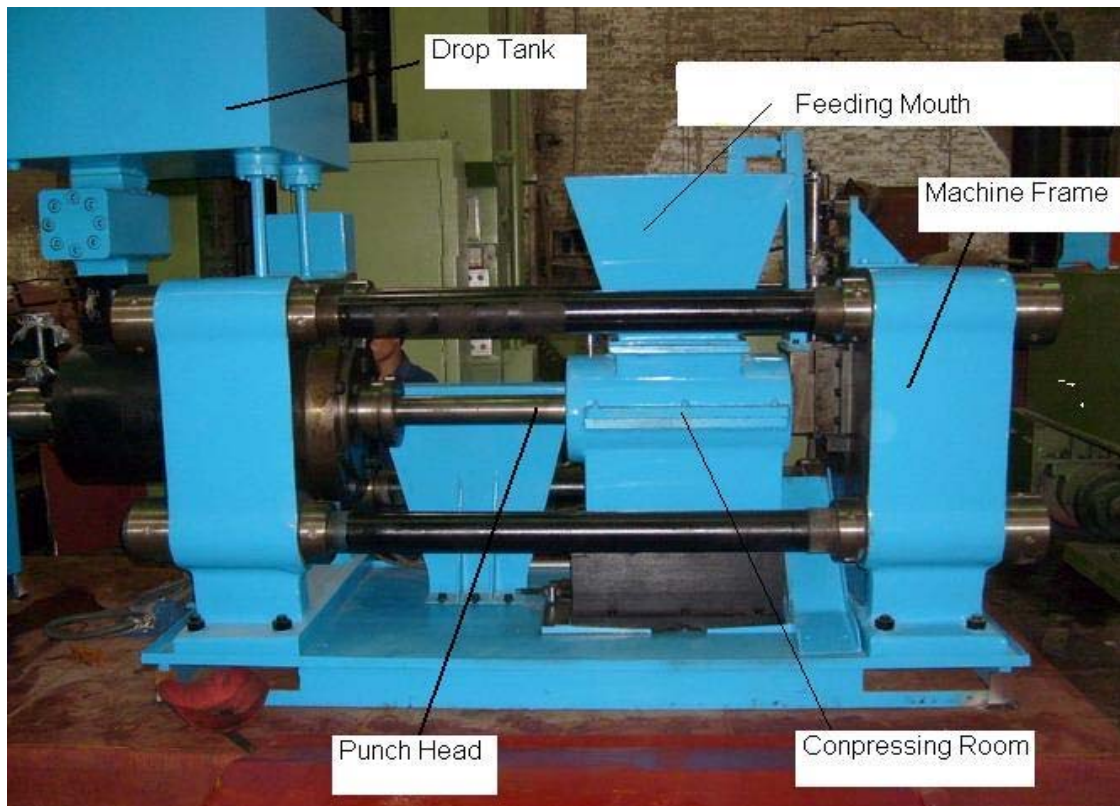
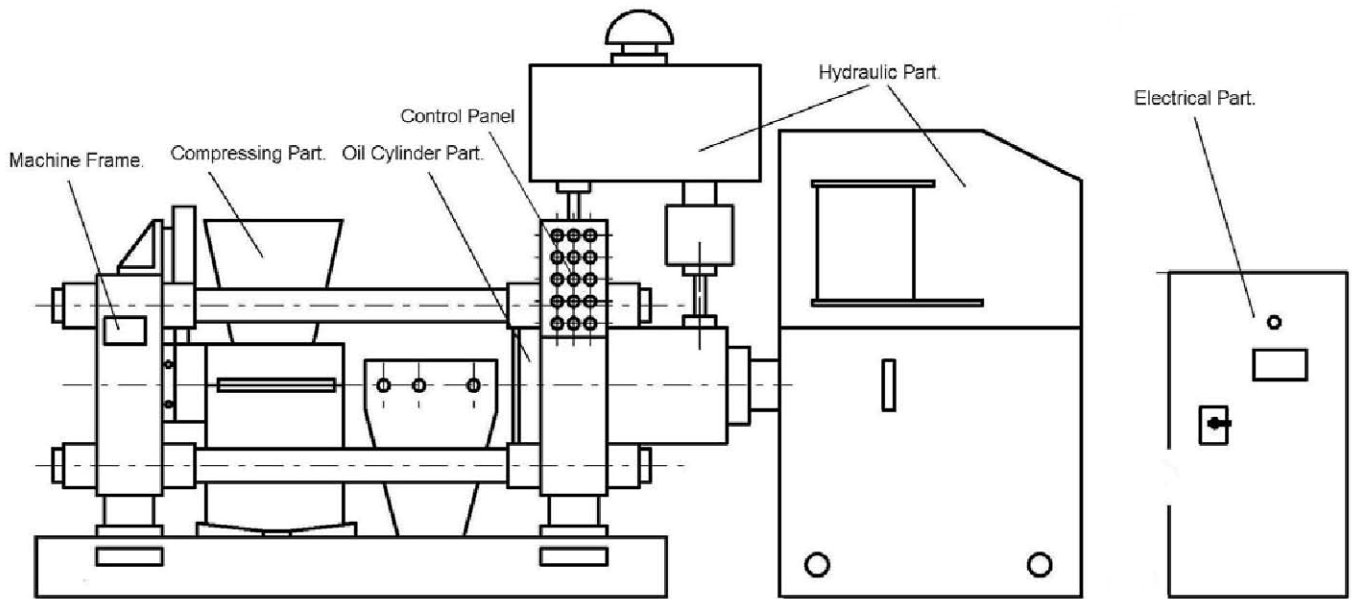
 **Y83 Series of hydraulic briquette press**



Parameters of Briquetting Press are as following:

Model	Y83-160	Y83-230	Y83-300
Nominal Force (KN)	1600	2300	3000
Briquette Size (mm)	□90x(60-110)	□110x(70-120)	□120x(70-120)
Briquette Density (kg/m ³)	≥5200-5400	≥5200-5400	≥5200-5400
Working Pressure (Mpa)	16	23	21
Productivity (cast iron chips) (t/h)	0.6-0.9	1.0-1.5	1.2-1.8
Total Power (KW)	24.2	39.2	47.2
Machine Weight (kg)	6000	7500	8800
Machine Outside Size (mm)	4100 x 1086 x 2006	4100 x 1086 x 2006	5000 x 1600 x 2600

Machine overall drawing as following:



Briquetting presses leaving factory

Briquetting presses Machine pictures as following:

Briquetting press for India customer



Briquetting press for Canada customer



Briquetting press used at a customer's company
Briquetting press used in Thailand – Brass Briquetters



Briquetting press used in USA – Cast Iron Briquetters



Briquetting press used in Mexico – Steel



Briquetting press used in UK – Aluminum Briquetters



Automatic Feeder and Conveyor can be supplied according to customers' requirements



Metal chip briquetting press can press ordinary industrial small turnings, borings, shavings, clippings and grinding swarfs into high density metal blocks. As we know, the chips not pressed has a very high lost in remelters, the metal blocks can be put into blast furnace directly, decreased the cost dramatically.

If you melt cast iron chips without pressed, there will be 10% oxygen scale loose, and settings your production output of cast iron chips is 100t/month, so it will loose 10t cast iron chips per month, and 120t cast iron chips per year. If the cost of cast iron chips is 300USD/ton, one year you will loose 36000USD, but if you put metal blocks which pressed by briquetting press to furnace directly, the loss is very few, maybe only 0.5%, it means that one year you are surely to return back your investment on Y83-160 briquetting press, if your production output of cast iron chips is larger, you can return back your investment earlier

