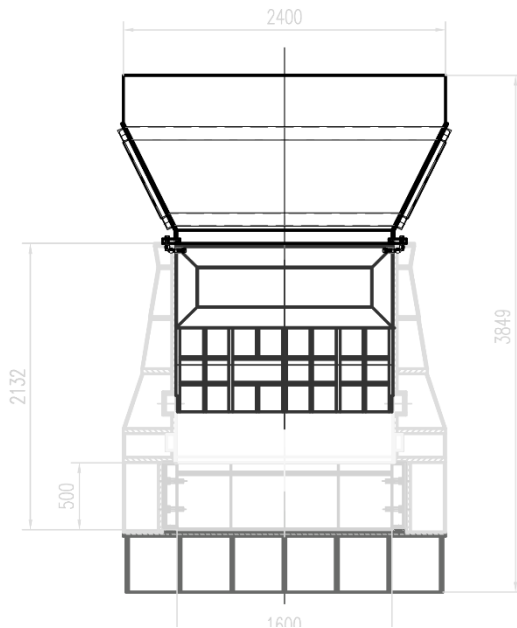


## Scrap Shear MS-8000

Cutting Force	Blade length	Ejection height	Performance	Power	Weight
8000 KN	1600mm	400 - 500mm	12-20 t/h	165 kW	46t – 55t

### Stationary versions



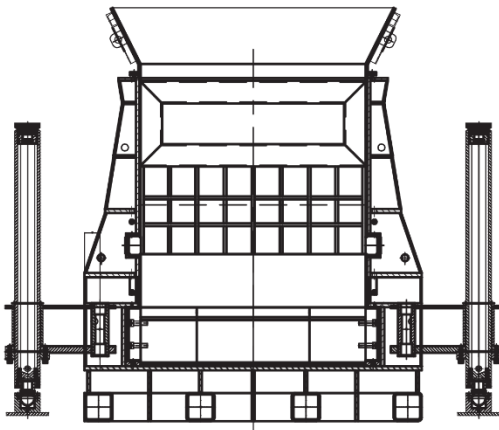
#### MS-8000e

Drive	electric
Ejection height	400mm / 500mm
Power	165 kW
Weight	46t

#### MS-8000d

Drive	diesel
Ejection height	400mm / 500mm
Power	260 HP
Weight	46,5t

### Mobile versions



#### MS-8000me

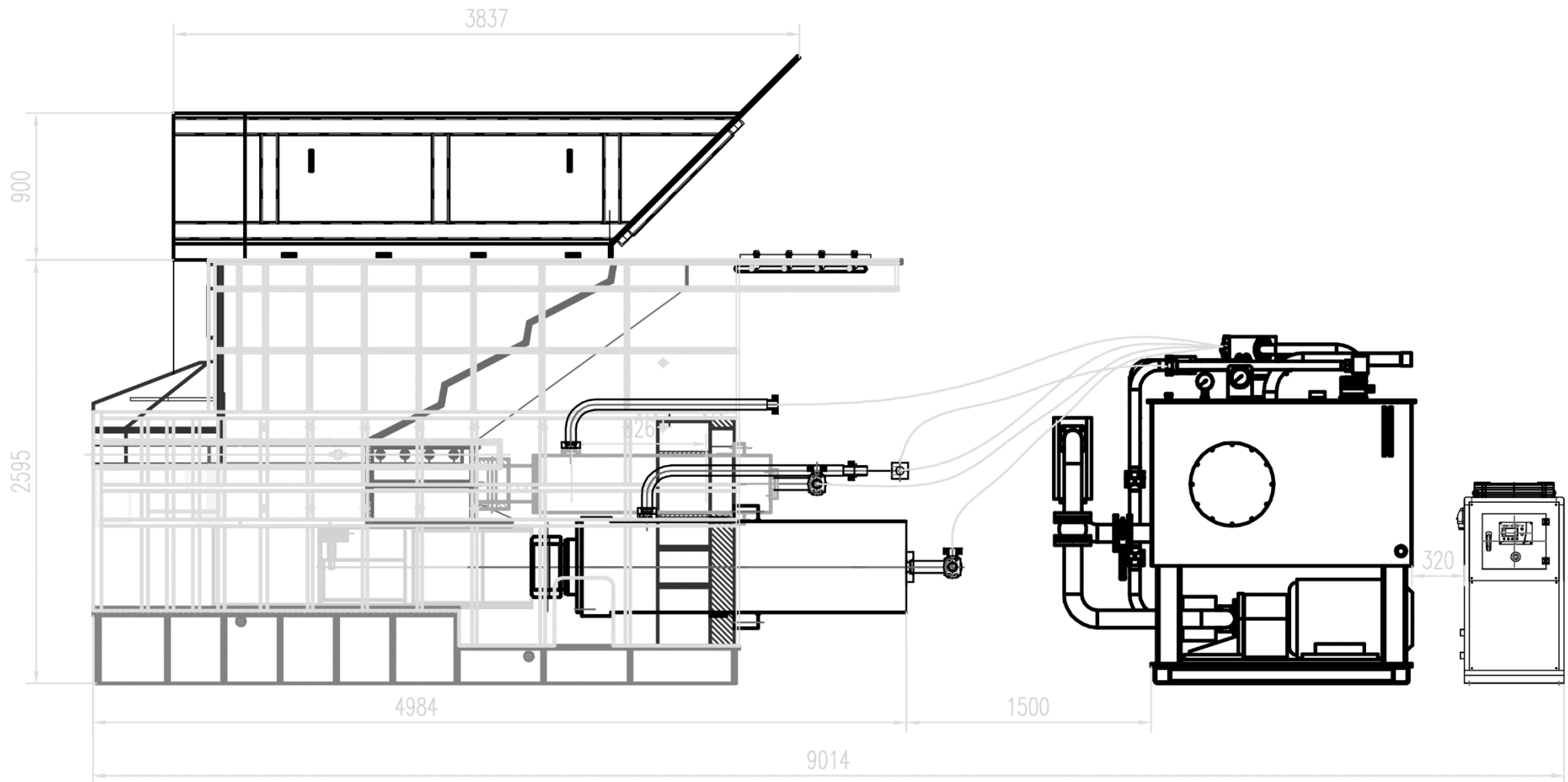
Drive	electric
Ejection height	400mm / 500mm
Power	165 kW
Weight	54,5t

#### MS-8000md

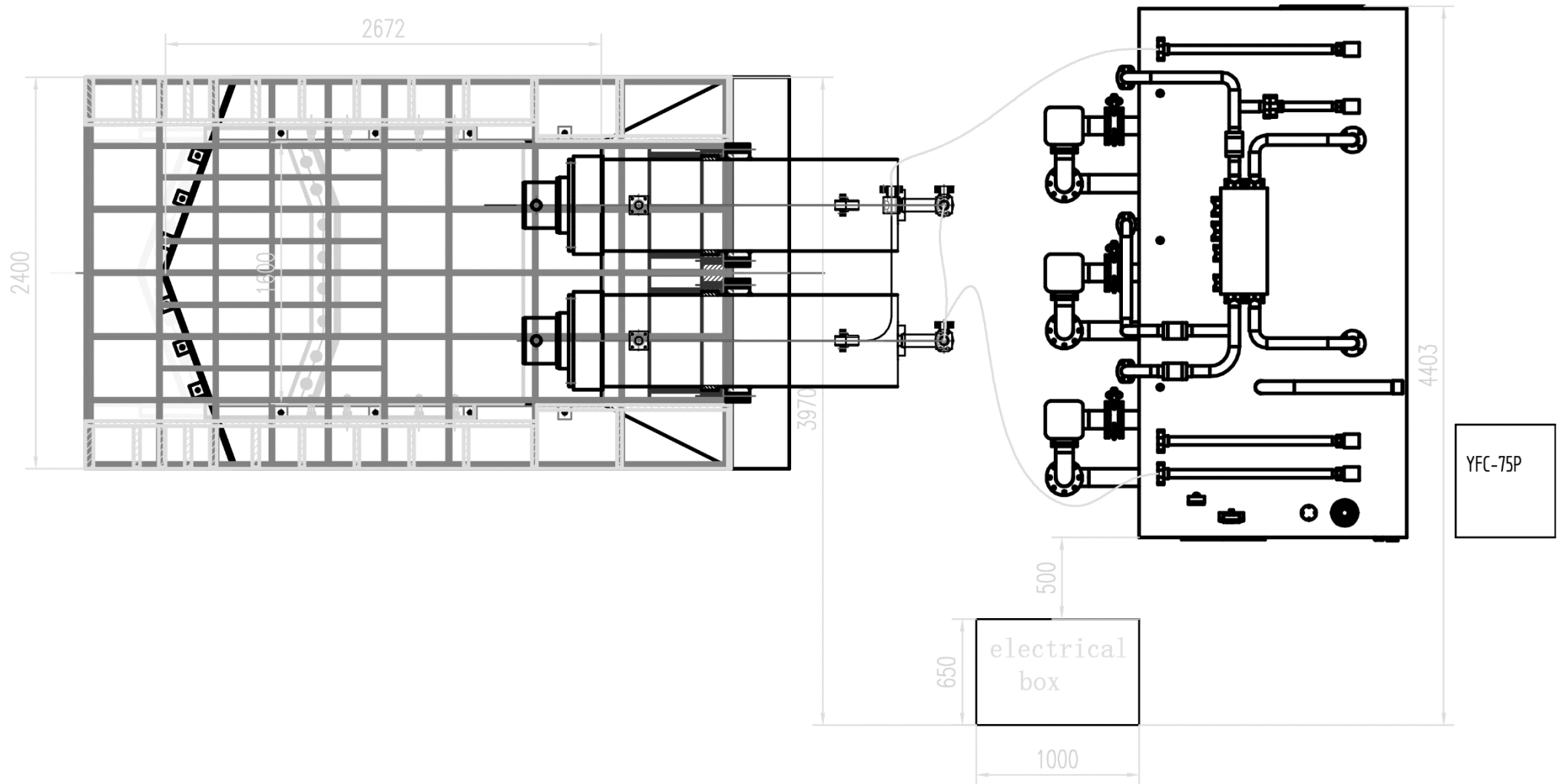
Drive	diesel
Ejection height	400mm / 500mm
Power	260 HP
Weight	55t

**For the electrically driven models 8000e and 8000me, a diesel generator can be selected as an additional option - this ensures flexible and cost-optimized operation**

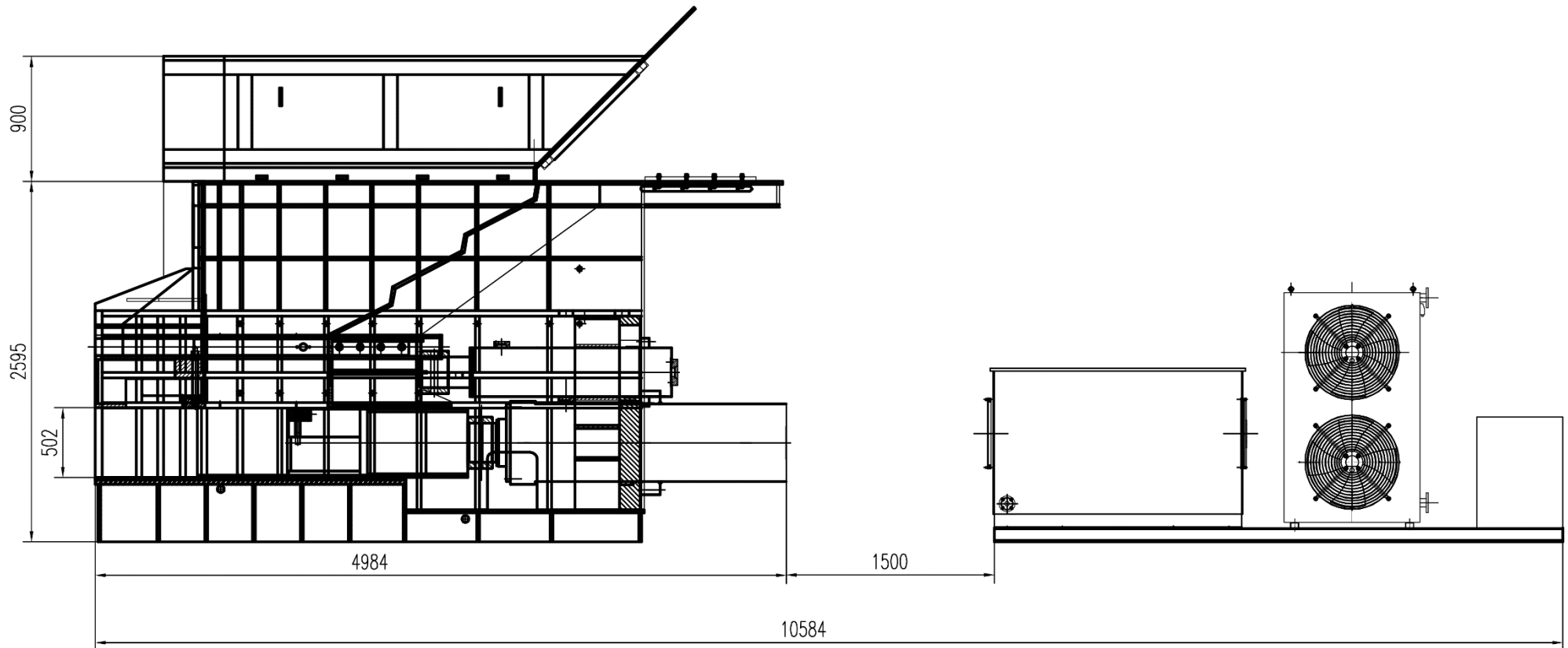
Scrap shear MS-8000e – stationary version, electric, Side view



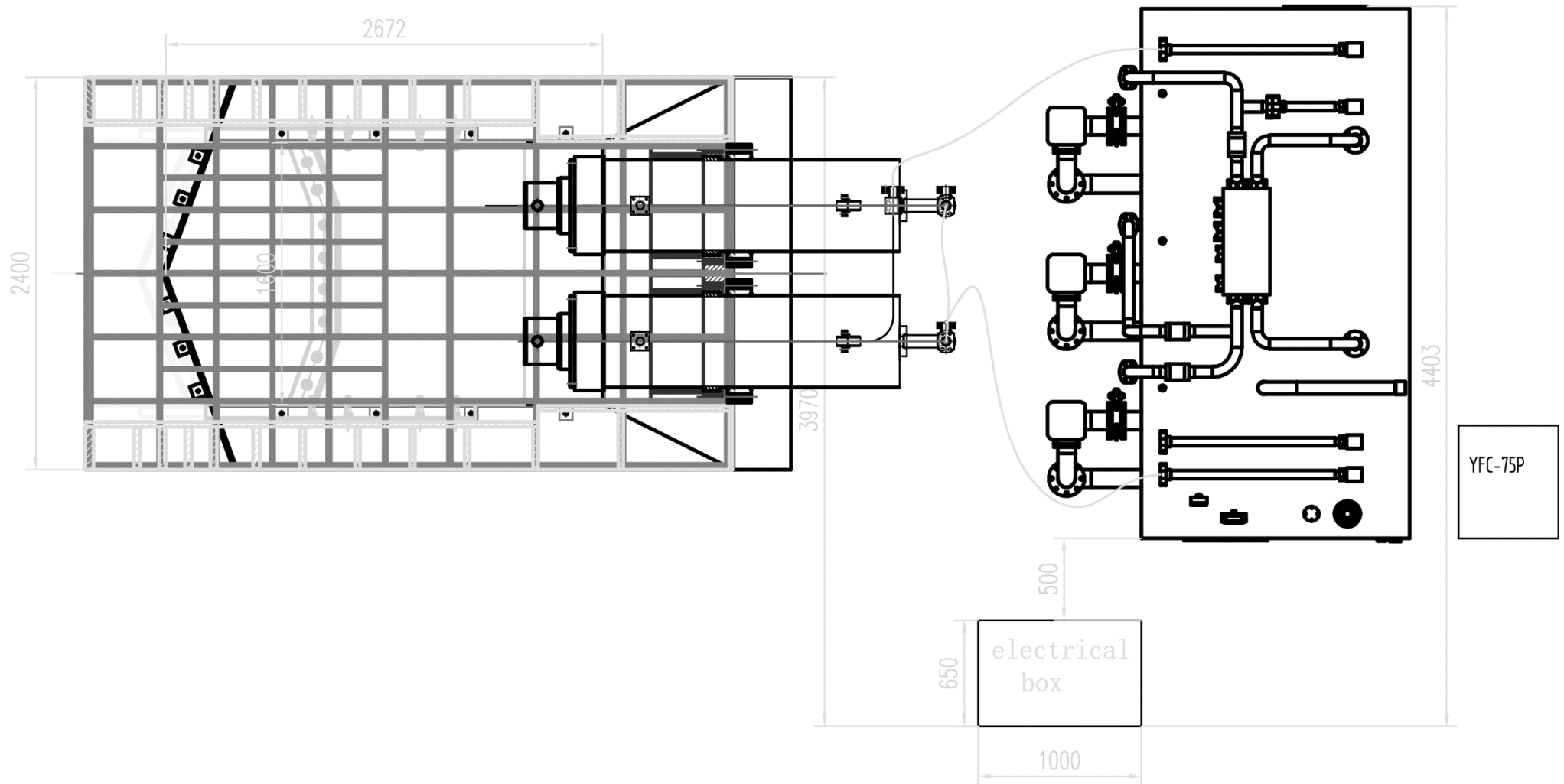
Scrap shear MS-8000e – stationary version, electric, Top view



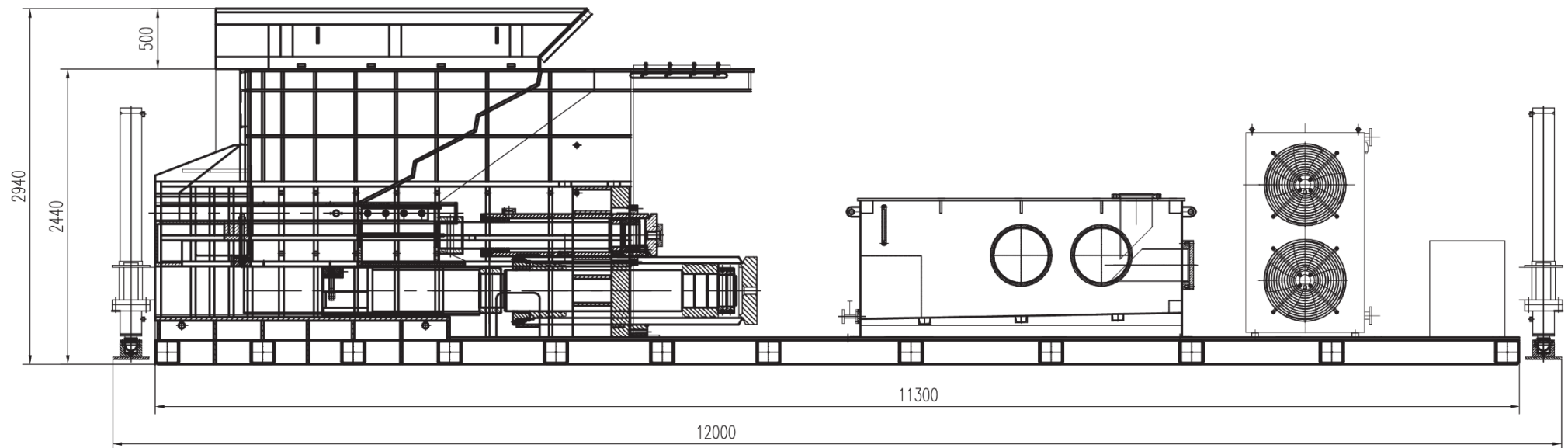
Scrap shear MS-8000d – stationary version, Diesel, Side view



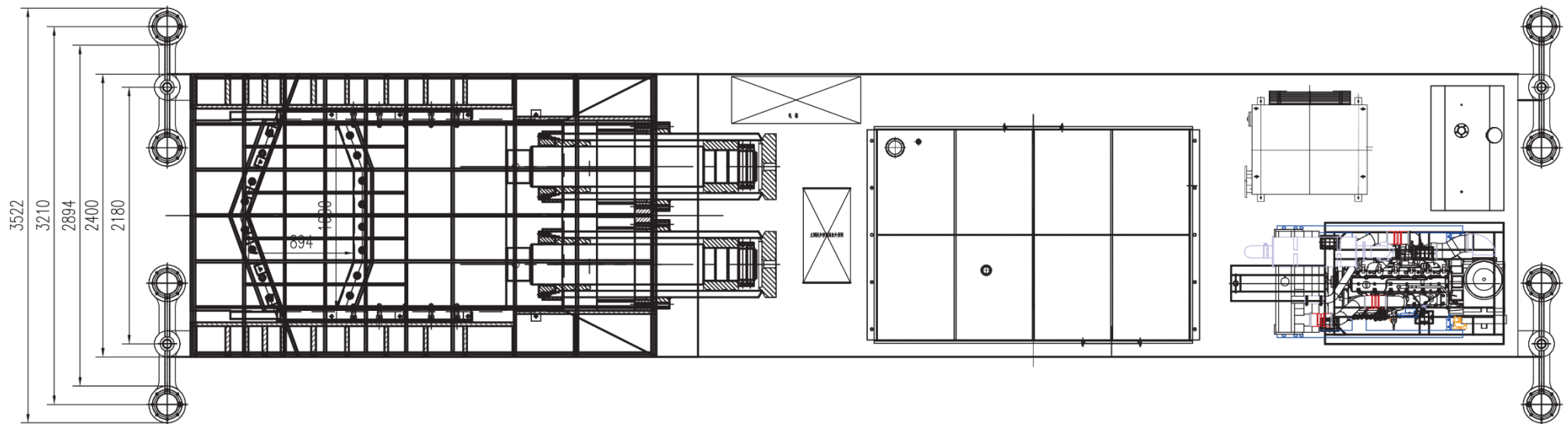
Scrap shear MS-8000d – stationary version, Diesel, Top view



Scrap shear MS-8000md – mobile version, Diesel, Side view



Scrap shear MS-8000md – mobile version, Diesel, Top view



## Advantages of the scrap shear

- The scrap shear enables economical scrap cutting due to the energy-saving automatic operation, saves costs and does not require a foundation.

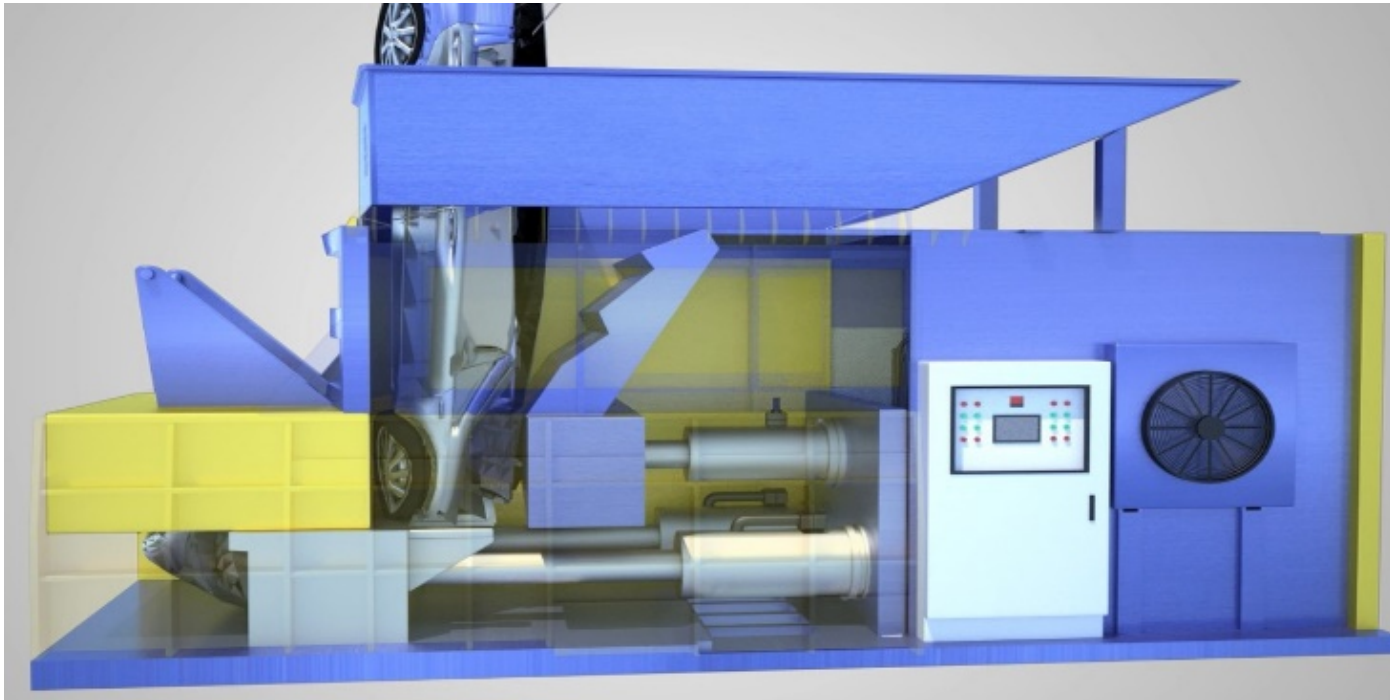
## Technical information

- The scrap shear can cut almost all types of scrap material. However, the machine is not recommended for cutting high carbon steel, such as axles, wire ropes, pig iron, spring steel plates, rails, alloy steel, hubs, etc - these hard materials will destroy the cutting blades.
- Production manufactured according to international standards. The specialized factories for the production of the scrap shears and their individual elements are certified according to ISO9001 and the CE certificate is available.
- Shear block, pressing device and the whole internal area of the scrap shear are made in HARDOX 450 wear resistance plates.
- Separate electrical cabinet for the different currents, components from Schneider Electronic and Siemens PLC.
- All contact surfaces are equipped with automatic lubrication to reduce equipment wear and increase equipment lifetime
- All high-pressure parts (piping, tank) are welded with forming, tested and acid treated to ensure the purity of the piping system





## Function Overview



Scrap is fed into the loading area with the help of an excavator. Due to the horizontal filling area and the scrap's own weight, it falls down into the loading chamber and into the cutting area. The scrap is compacted at the front wall and cut by the horizontally moving tool carrier via the knives at the front wall. While the tool carrier carriage moves horizontally, the processed material is pressed out via the knives on the front wall of the container. When moving back to the rear position, the loaded scrap moves by its own weight into the interior of the shear.

## Technische Details

No.	MS8000 Container Shear Technical parameter					Remarks
1	Cutting CYL	Model	YG450/340-956			2sets
		Nominal force	3974KN x2	Stroke	956mm	
2	Press CYL	Model	YG280/220-1030			1set
		Nominal force	1539KN x1	Stroke	1030mm	
3	Chamber size(L×W×H)(mm)		2667*1600*2082			
4	Feeding size (L×W×H)(mm)		3472*2400*900			
5	Working system pressure		21.5MPA			
6	Blade length		1600MM			
7	Cutting size		400 - 500mm			
8	Cutting frequency		3.5 times/min (unloading)			
9	Motor	Model	Y3 250M-4	Power	55KW	
		Speed	1480r/min	Quantity	2 sets	
10	Pump	Model	HY320Y-RP	Pressure	31.5Mpa	
		Outflow	320ml/r	Quantity	2sets	
11	Cooler	Air conditioning chiller				
12	Control	PLC Automatic+ touch screen +panel + remoter				