

Aluminium Extrusion Press

Our **aluminium extrusion press** is improved through redesigning the structure and replacing important components, the improvements result in a better appearance, better product quality, and easier operation. The related indexes of extruders are comparable to Taiwan high quality extruders. Meanwhile, these series extruders adopt a number of advanced technologies, stable and reliable performance, safety, easy maintenance.



1. The **presses** which we supply are solid overall structure, stable and reliable performance, sound durability. The firm and stable enough of extruder can resist the fatigue when it is running and prolong the lifespan of machine.

2. Hydraulic oil pipe and the structure layout is reasonable. This aluminium extrusion press is improved through redesigning the structure and replacing important components, the improvements result in a better appearance, better product quality, and easier operation. The related indexes of extruders are comparable to Taiwan high quality extruders. Meanwhile, these series extruders adopt a number of advanced technologies, stable and reliable performance, safety, easy maintenance.



3. The aluminium extrusion presses which we supply are solid overall structure, stable and reliable performance, sound durability.

4. The firm and stable enough of extruder can resist the fatigue when it is running and prolong the lifespan of machine.

5. Hydraulic oil pipe and the structure layout is reasonable, the aluminium extrusion press will be east to maintain.

6. The main cylinder material can be selected cast steel or forged steel.

7. The plunger pump can be selected LiHao of China or Rexroth of Germany

8. The hydraulic part can be selected Taiwan Jeou Gang or Rexroth of Germany

9. Manual or automatic operation is provided. Sectional speed or constant speed

is optional. Automatic protection is applied.

10.The electrical part can be selected the touch screen.

Mitsubishi programmable controller and pressure transmitter of Swiss are adopted for hard-core.

All of above ensure low failure and high yield of the aluminium extrusion press.

➤ **Technical data of aluminum extrusion press**

Item Model	Working Pressure Mpa	Plunger Dia. Mm	Size of Auxiliary Cylinder mm	Size of Billet mm	Center Height mm	Size of Exit mm	Total Power KW	Overall Size mm	Total Weight T
500MT	21	Φ520	Φ130×Φ70	Φ73~80×380	850	Φ110	71.2	5700×3100×2500	18
600MT	21	Φ580	Φ140×Φ120	Φ80~100×460	850	Φ110	77.6	6000×3200×2600	24
700MT	21	Φ600	Φ140×Φ120	Φ90~100×500	850	Φ110	82	6000×3200×2600	26
800MT	21	Φ650	Φ180×Φ140	Φ100~110×530	1050	Φ140	125.9	7200×3600×3400	35
1000MT	21	Φ750	Φ200×Φ150	Φ110~120×620	1095	Φ140×160	142.8	7500×3650×3500	45
1250MT	21	Φ840	Φ200×Φ150	Φ120~140×680	1250	Φ170×200	200.6	8500×4000×3900	65
1350MT	21	Φ860	Φ200×Φ150	Φ130~152×700	1250	Φ170×200	210	8500×4000×3900	68
1450MT	21	Φ900	Φ200×Φ150	Φ140~152×700	1350	Φ180×230	245	8700×4500×3900	85
1650MT	21	Φ950	Φ220×Φ150	Φ152~178×700	1530	Φ210×260	264.8	9165×4500×4500	85
1800MT	21	Φ1000	Φ220×Φ150	Φ178~200×750	1530	Φ220×260	310	10200×4500×4600	95
2000MT	21	Φ1050	Φ250×Φ180	Φ200~220×800	1680	Φ240×300	326.4	16500×5000×5100	136
2500MT	21	Φ1180	Φ250×Φ180	Φ230~250×1000	2000	Φ280×350	433.1	17500×6000×6100	220
3300MT	21	Φ1350	Φ300×Φ220	Φ280×1000	15660	Φ350×460	758.8	18000×6500×8000	350



Aluminum Profile Extrusion Production Line Can Produce

- Architectural, building material for window and door, curtain wall, buckle material, heat insulating off-bridge and so on;
- Industrial for heat sink, big aluminum billet to extrusion small aluminum rod, square aluminum rod, air conditioning refrigeration material and so on.
- Automotive aluminum alloy profile for car;
- Aluminum trim for furniture, bathroom, bags, home appliance, aluminium tile trim, wooden floor trim, stairs edge trim, door edge trim and so on;
- Guardrail profile, slatted shutter for rolling, aluminium ladder and so on;
- Aluminum wire, one die (mould) extrusion eight pieces of aluminium rods by one time drawing;
- Others like badminton racket.....

➤ The main equipment of aluminum profile production line:

1. Aluminum billet smelting and casting plant

- 1) Aluminum melting furnace
- 2) Aluminum dross recycling machine
- 3) Billet casting table (hot top)
- 4) Refining bin ALTiN boron machine
- 5) Windlass machine
- 6) Water recycle system
- 7) Filter & launder



2. Aluminum Profile extrusion plant

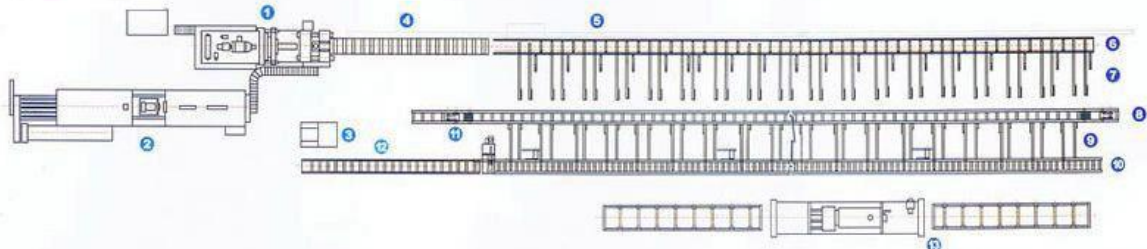
- (A)
- 1) Extrusion press
 - 2) Long log hot shear furnace
 - 3) Handing system
 - 4) Puller
 - 5) Die heating furnace
 - 6) Aging furnace
- (B)
- 1) Extrusion press
 - 2) Aluminum billet cold shear
 - 3) Aluminum short billet heating furnace
 - 4) Handing system
 - 5) Puller
 - 6) Die heating furnace
 - 7) Aging furnace



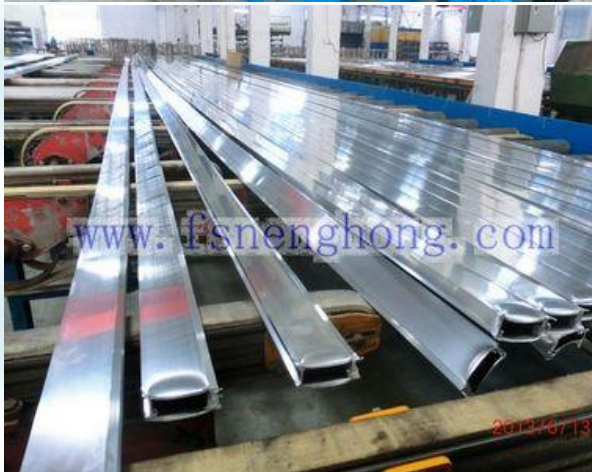
3. Aluminum profile surface treatment plant

Aluminum profile powder coating line or anodizing & coloration line

Equipment Layout Of Aluminum Profile Extrusion Plant



- | | | | |
|------------------------------------|------------------|----------------------------------|-------------------|
| 1. Extrusion press | 5. Puller | 9. Storage table | 13. Aging furnace |
| 2. Billet hot shear furnace | 6. Run-out table | 10. Finish product feed-in table | |
| 3. Die heater | 7. Cooling table | 11. Finish saw | |
| 4. Initial table and air quenching | 8. Stretcher | 12. Gauge table | |



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Thanks for your attention!

