Magnus VLF at a Glance

(manual machine)

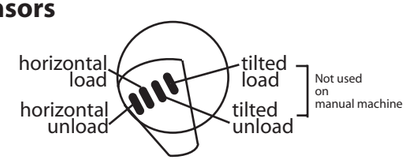
Boards

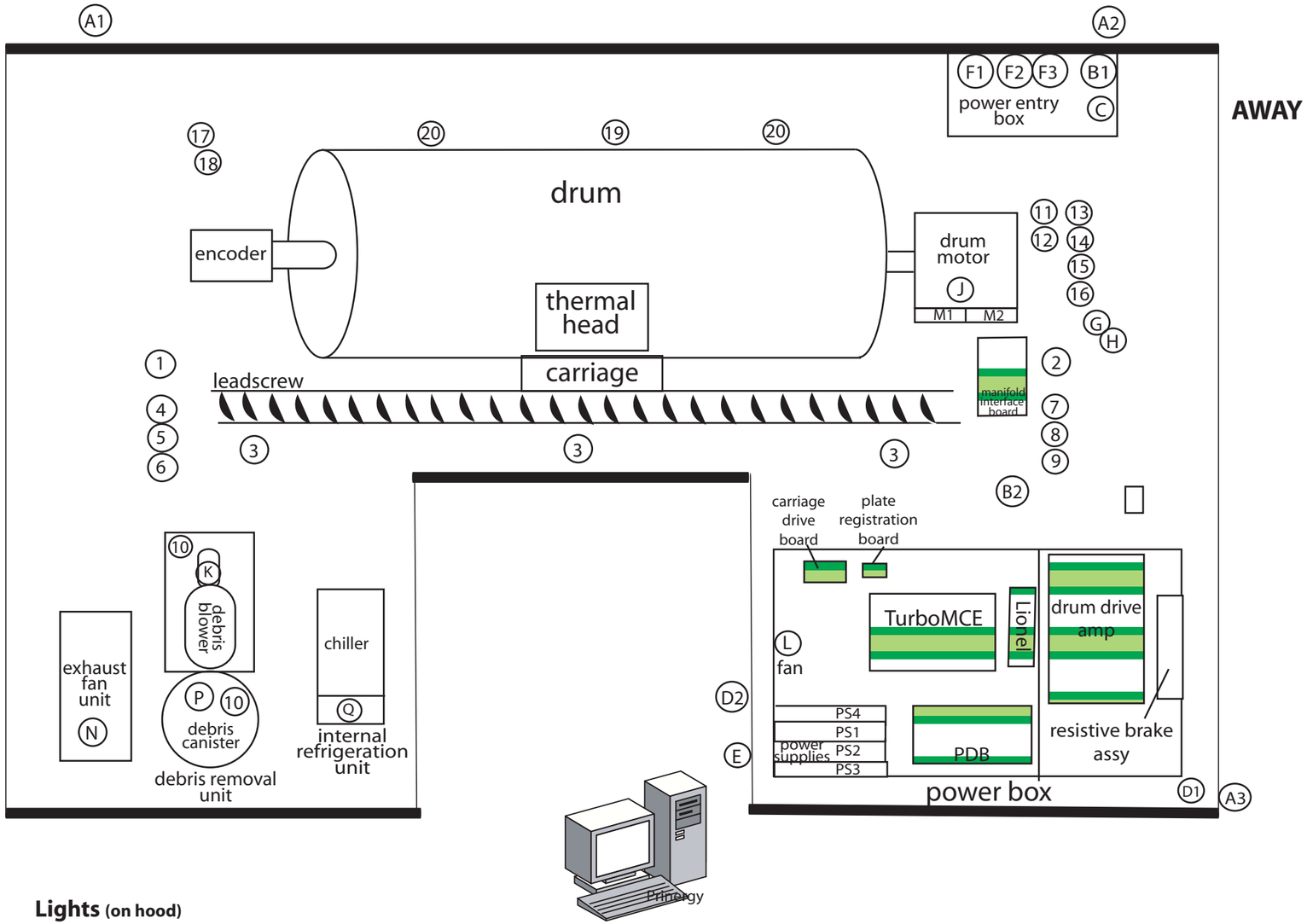
Plate registration
TurboMCE
Carriage drive
Power distribution (PDB)
Lionel
Drum drive amplifier
Manifold interface

Sensors

1. Carriage home
2. Carriage away
3. Plate sensor (3pc)
4. Balance weight extended home
5. Balance weight retracted home
6. Balance weight home
7. Balance weight extended away
8. Balance weight retracted away
9. Balance weight away
10. Filter detect
11. Backbone horizontal unload [See details below]
12. Backbone horizontal load [See details below]
13. LEC/TEC on
14. LEC/TEC off
15. Roller on
16. Roller off
17. Plate door open
18. Plate door closed

Backbone Sensors





Lights (on hood)

19. Status
20. Plate registration (2pc)

Motors & Fans

Carriage motor	G M2
Carriage fan	H FAN2
Drum motor	J M1
Debris blower	K M3
Power box fan	L FAN1
Drum motor fan (2pc)	M1 FAN6, M2 FAN7
Exhaust fan	N FAN3
Debris removal fan	P FAN4
Exhaust fan	Q FAN5

Switches

Emergency stop switch (3pc)	A1 ES4, A2 ES3, A3 ES2
Main power (2pc)	B1 ES1, B2 SW2
Safety override	C SW1
Start button (2pc)	D1 START BTN1, D2 START BTN2
Safety door limit switch (8pc) See Panels page	E
Power entry switch (3pc)	F1 CB1, F2 CB2, F3 CB3