

HP-CCU 112 HIGH PRESSURE CONTINUOUS CASTING MACHINE

High Pressure Continuous Casting Machine HP-CCU-112 continuously casts alloy into a round shaped semi-product of standard diameters 72 or 104mm, (others diameters are optional) which is cut into billets of required length by integrated buzz saw. Double shear unit is eliminated.

Features:

- **high pressure intensifier** - breakthrough in casting technology, eliminates oxides and shrink holes, allows for casting of almost any solder material
- automatic billet take-up system
- no discards – no need to use double shear
- easily movable - can serve several melting pots
- hydraulically powered - economical, effective

高压连铸锡柱机 HP-CCU-112可连续铸造合金成形为圆状直径 72或 104 mm半成品 (其它直径锡柱需预订)用原身切割机切成一条指定长度的锡柱. 不需附加切割机加工成锡柱.

性能:

- 采用高压铸造锡缸成形铸造技术, 可减少氧化物及空洞的产生, 能应付任何锡合金铸造.
- 自动收集锡柱成品系统.
- 没有废料的排放-不需要使用切割器
- 可移动性强-支援数个锡溶炉
- 液压动力-经济, 有效



The new idea in solder casting technology is the use of high pressure intensifier - it enables to achieve much better casting quality, eliminate oxides and practically makes most of alloy grades continuously castable - both tin-lead and lead-free alloys and even babbitt. With the new fully automatic take-up system, the HP-CCU-112 is capable of extended operatorless run. The unit is easily movable and does not require any additional equipment such as buzz saw, so can save multiple melting pots.

新概念锡合金铸造技术采用高压铸造锡缸-提供达到更佳铸造质量, 减少氧化物及有效令到大部份合金可配合自动收集成品系统连续铸造-有铅锡合金及无铅锡合金, 甚至铸造巴比合金等.

HP-CCU-112 可免操作员监控此机, 方便移动及不需任何附加机械如切割机. 因此可省掉数个锡溶炉.

REFERENCES:

Americas:

Europe:

Asia:

AIM, Indium, Canfield, Alpha Metals, Kester, Pkay Metal, Torrey Crane

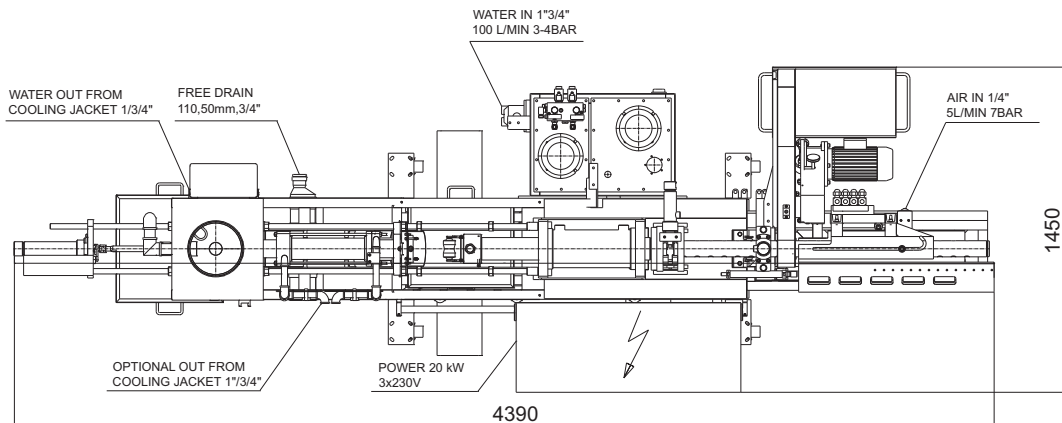
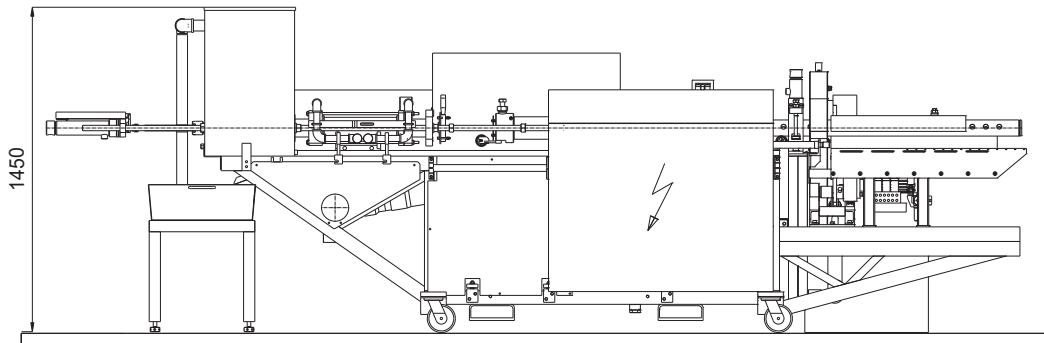
Alpha Metals, Felder, Kester, Stannol, MBO, Cynel, Russkoye Olowo

Asahi, Aoki Laboratories, AIM, Electroloy, THAISARCO, Ultracore

and many others

HP-CCU I 2 HIGH PRESSURE CONTINUOUS CASTING MACHINE

Technical Datasheet	CCU-112/72 – Medium Caster	CCU-112/114 – Heavy Caster
Billet Size:		
diameter	72mm 2.835in	114mm 4.57in
length	500mm 20in	500mm 20in
volume	1.6dm ³ 95in ³	5100cm ³ 311in ³
Weight (SAC305-Sn40)	15-18kg 33-42lb	37-47kg 83-104lb
Production capacity	800-1200kg/h 1764-2646lb/h	800-1500kg/h 1764-3307lb/h
Working pressure	10MPa 1450psi	8MPa 1160psi
Voltage	12-15kV 26-33lb	39-49kV 86-108lb
Supply voltage	3x400V 50Hz	3x600V 60Hz
Control system voltage	24V	24V
Power (total)	22kW	24.5kW
Heating power	15kW	16kW
Buzz saw power	1.5kW 2HP	3kW 4HP
Hydraulic supply system power	5.5kW 7HP	5.5kW 7HP
Cooling water		
Water consumption	100l/min 26.5USgal/min	100l/min 26.5USgal/min
Compressed air		
Air consumption	10 l/min 0.3cfm	10 l/min 0.3cfm
Air in dia	¼ inch	¼ inch
Air pressure	0.6MPa 87psi	0.6MPa 87psi
Weight	1600kg 3500lb	1800kg 4000lb



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