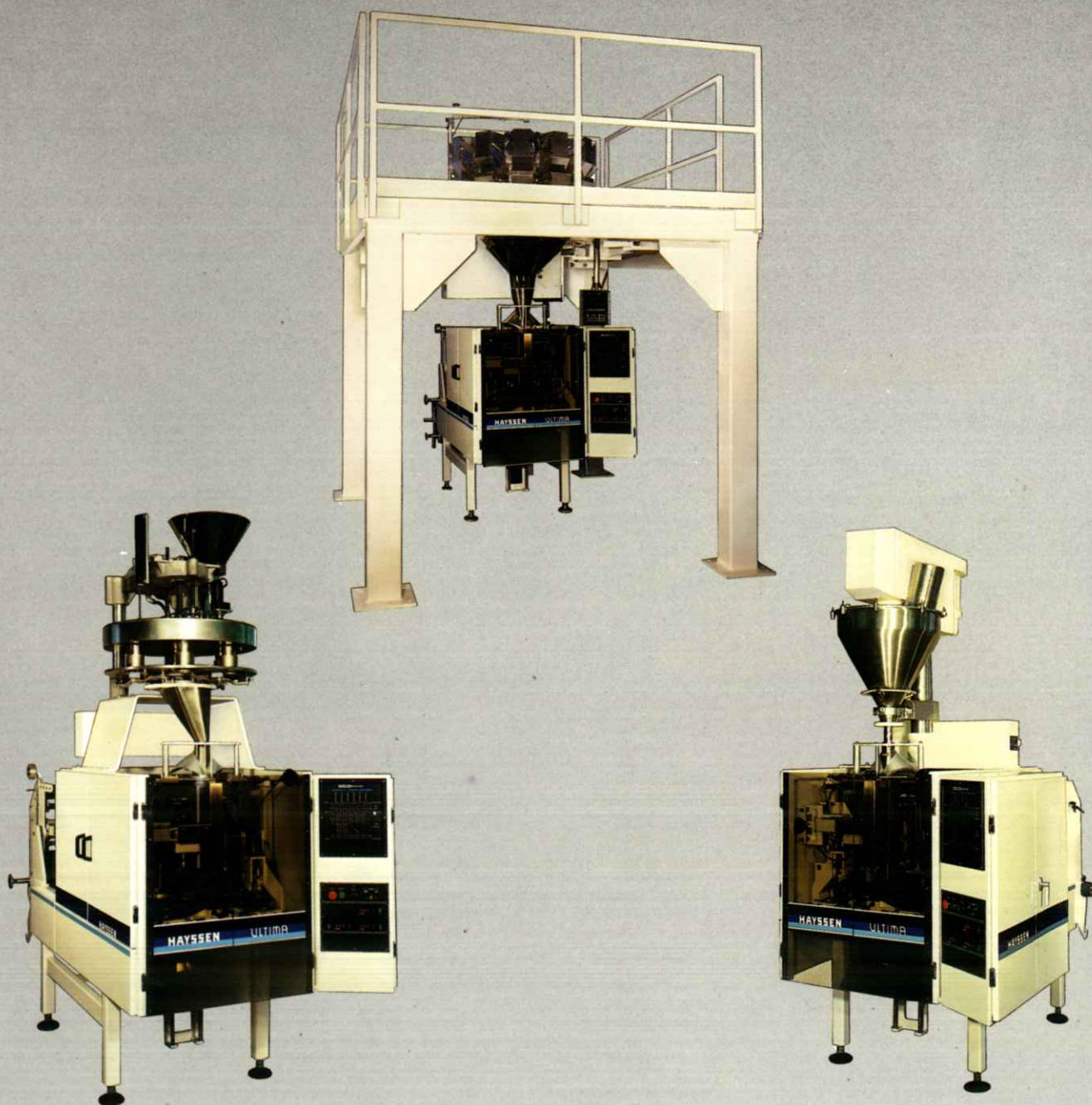


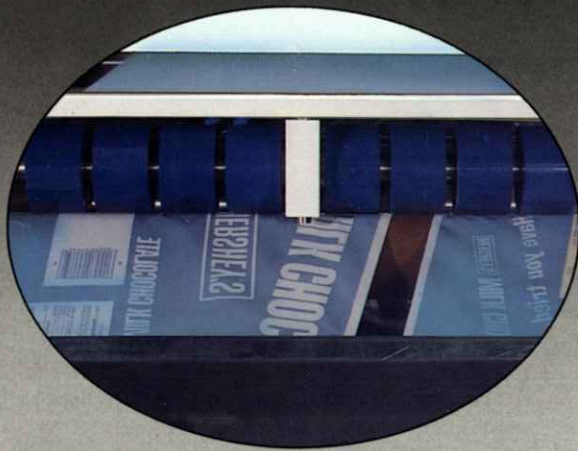
HAYSSEN®

ULTIMA® SUPER CMB

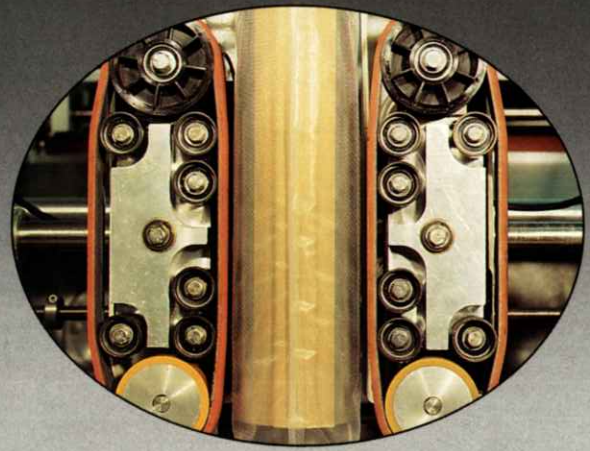
**VERTICAL
FORM, FILL, AND SEAL
MACHINERY**



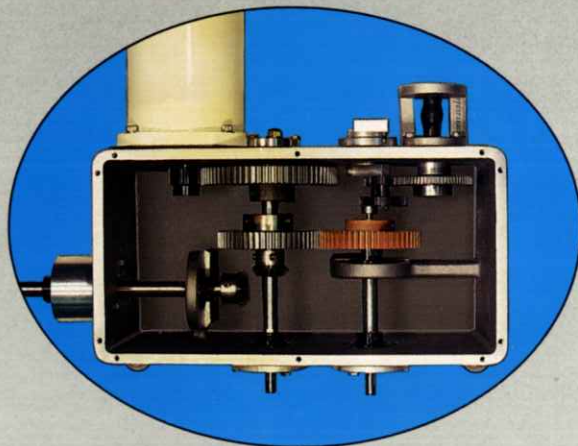
FEATURES



The *HAYSEN ULTIMA SUPER CMB* machine's exclusive packaging material registration rollers together with ...



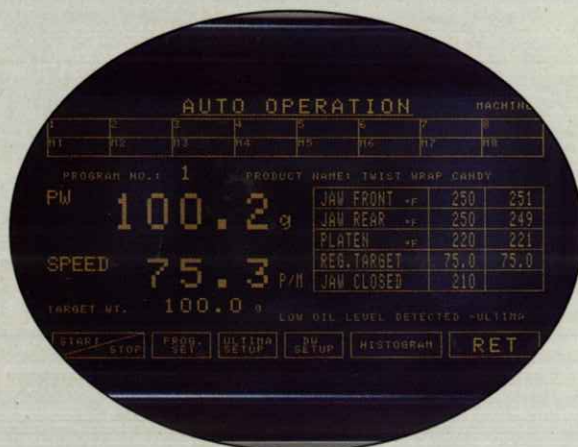
... continuous motion belts, gently form and pull the tube of packaging material to create packages at very high speeds.



A rugged, totally enclosed oil bath gear box transmits power to the registration rollers and continuous motion belts and provides timing signals through a rotary encoder to either the ...



... standard *MICRO-LOGIC*® microprocessor-based machine control system which allows digital settings to be programmed for up to 32 package sizes and instantly recalled by a single touch of its keyboard ...



... or the optional *MACRO-LOGIC*® microprocessor-based total machine (bag maker and scale) control system offering 100 program storage capability, a touch-screen display, a self-contained automatic temperature control system, and an available bar code reading system.

ULTIMA SUPER CMB TIMING CHART FOR 1 LB. RICE PACKAGE 2.5 MIL LAMINATED POLY

	START	STOP
Registration Rollers	030	138
Print Location	003	000
Pull Belts	000	138
Platen Air	210	353
Platen	114	300
Knife	260	350
Preheat	060	330
Impulse	060	330
Dies	164	350
Eject	000	045

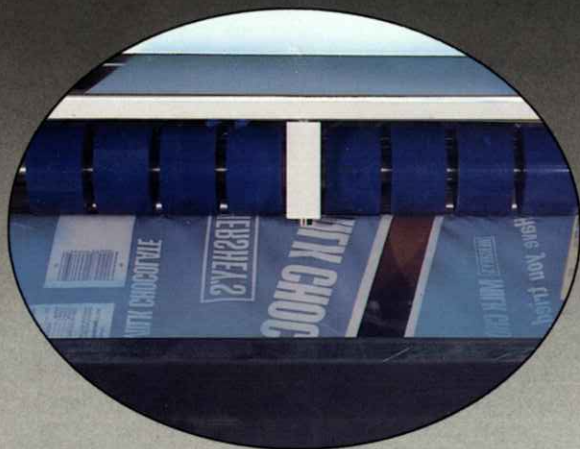
Both control systems allow all settings, including package length, to be made in exact degrees of the package making cycle while the machine is in operation for easy set-ups and changeovers.

HAYSEN[®]

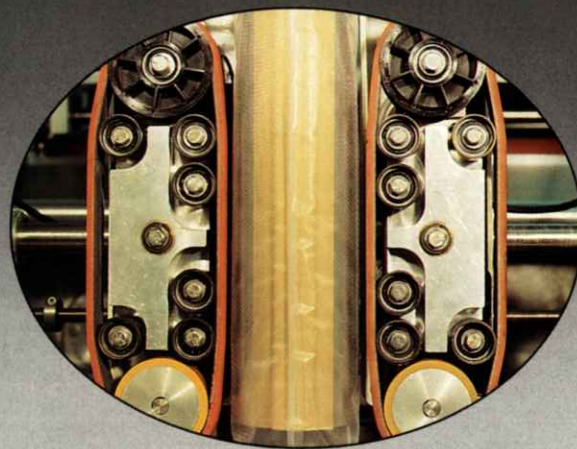
ULTIMA[®] SUPER CMB



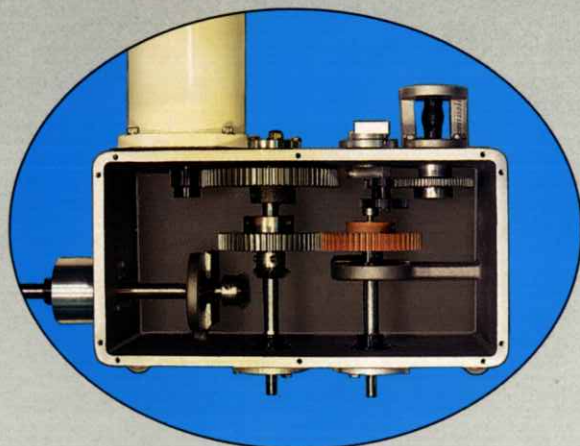
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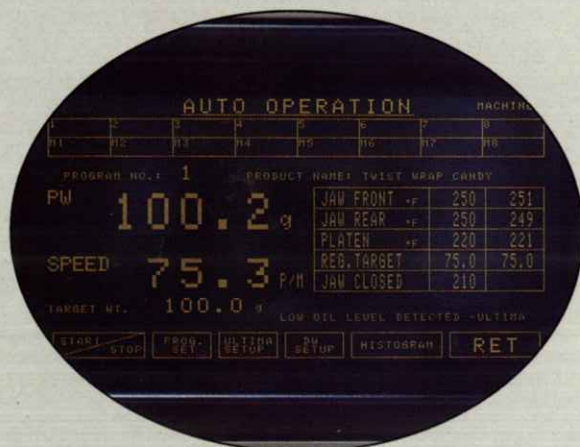
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FILLING SYSTEMS

Hayssen can provide a wide variety of filling systems including:

Microcomputer Weighing Systems

HAYSEN®/YAMATO DATAWEIGH® microcomputer weighing systems offer speeds up to 180 weighments per minute and giveaway to less than one gram. Eight, twelve, fourteen, and sixteen head models are available to match product and production requirements. Stainless steel/washdown versions are available for frozen foods and other products. Microprocessor-based remote control and display unit allows up to approximately 100 product/weight settings to be instantly recalled for simple, fast, and repeatable set-up. (See brochure for additional details).

Volumetric Feeds

HAYSEN ULTIMA SUPER CMB machines are available with five, six, and nine cup volumetric feeds for high speed filling of free flowing products with regular density. Volume changes are made through adjustment of telescoping feed cups. MICRO-LOGIC® volumetric control is available for easy, precise, and programmable fill control. (See Fact Sheet for details.)

Auger Feeds

Self feeding and free flowing auger feed systems are available for consistent, precise filling of powder products with regular density. MICRO-LOGIC® auger control is available for easy, precise, and programmable fill control (See Fact Sheet for details).

Other Feeds

Positive displacement pumps, counters, and other feed systems can be mounted on the HAYSEN ULTIMA SUPER CMB. Custom designed infeed systems and accessories are available for difficult to handle products.

SEALING SYSTEMS

Virtually all flexible packaging materials can be sealed on the HAYSEN ULTIMA SUPER CMB machine using either high efficiency polyethylene or resistance sealing systems engineered to provide exceptional performance at maximum speed.

Polyethylene Sealing

Unsupported low density polyethylene sealing materials are sealed in excess of 100 packages per minute on Hayssen's exclusive QUALI-SEAL® high speed polyethylene sealing system. Constant heat is applied from both the front and rear jaws, allowing reduced sealing temperatures. A quick change orbital motion knife provides clean package cutoff and maintenance free operation at high speeds. (See Fact Sheet for details).

Resistance Sealing

The longer dwell time of the HAYSEN ULTIMA SUPER CMB package maker combined with the fast action orbital motion knife provide superior package sealing at speeds in excess of 120 packages per minute on resistance sealable materials. Solid state, panel mounted heat controllers with digital readouts are standard. (See Fact Sheet for details.)

CONTROL SYSTEMS

MICRO-LOGIC®

MICRO-LOGIC, a microprocessor-based programmable machine control system with keyboard entry and 40-character display, is standard on all models. MICRO-LOGIC holds approximately 32 complete programs. A single entry energizes all timing, speed, and function operations. (See Fact Sheets for additional details).

MACRO-LOGIC®

MACRO-LOGIC, a microprocessor-based programmable total machine control system, is available as an option on some models. MACRO-LOGIC features an electroluminescent touch-screen display, 100 program storage, auto set-up, automatic temperature control, on-line real-time diagnostic reporting, troubleshooting advice, complete line monitoring and control capability, optional printer for program and histogram printouts, and bar code reader programming availability. (See Fact Sheets for additional details).

ACCESSORIES

A wide variety of other features are available including gas flushing, bag support/eject devices, splice assist devices, static eliminators, discharge chutes/counters, hole punches, tear notches, im printers, date coders, simulated header labels, rust resistant construction, stainless steel construction, etc. Consult factory for further details.

PATENTS

HAYSEN ULTIMA SUPER CMB machines are covered by U.S. patents B1 4,288,965; 4,391,079; 4,391,081; and equivalent foreign patents. Other U.S. and foreign patents applied for.

ANSI STANDARDS

HAYSEN ULTIMA SUPER CMB machines conform to current American National Standards Institute (ANSI) safety standard B155.1 1987 for construction of packaging and related converting machinery.

SPECIFICATIONS

Model	Max. Pkg. Width	Max. Pkg. Length	Speed*
8-12	8" (203mm)	12" (305mm)	100+
12-16	12" (305mm)	16" (406mm)	100
15-22	15" (381mm)	22" (560mm)	60

*Speeds dependent upon product, packaging material, and filling system.

Compressed Air

60 PSI (4.4 bar). Consumption depends on model, speed, and auxiliary equipment.

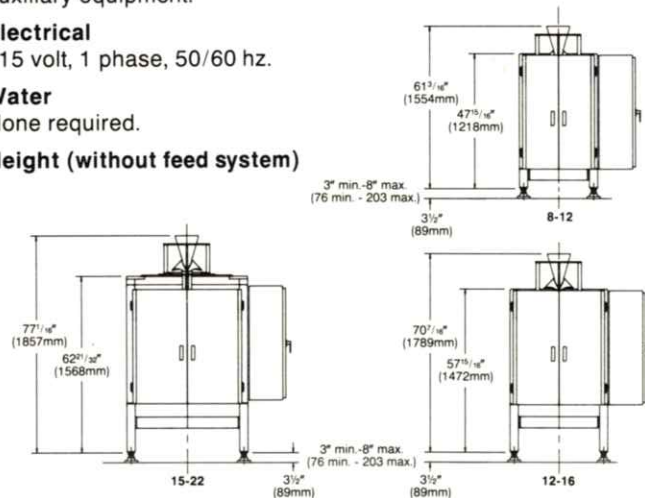
Electrical

115 volt, 1 phase, 50/60 hz.

Water

None required.

Height (without feed system)



All illustrations and specifications are subject to change without notice and any drawing dimensions are not to scale and are approximate. Machines shown without guards are for illustrative purposes only. Guards are supplied and must be in place before operation. All sales are subject to our prevailing terms and conditions of sale.

HAYSEN®

WORLD HEADQUARTERS - SHEBOYGAN, WI USA
MANUFACTURING PLANTS - DUNCAN, SC USA
ZINGONIA, ITALY
EUROPEAN OPERATIONS - PARIS, FRANCE
KARLSRUHE, W. GERMANY
HARROGATE, ENGLAND
THETFORD, ENGLAND

A BEMIS COMPANY