

Hydraform Interlocking BlockMaking Machine Catalog

- 1. M7 Interlocking Block Making Machine
- 2. M7 Twin Interlocking BlockMaking Machine (M7M2)
- 3. M7A2 Interlocking BlockMaking Plant
- 4. M7MI Super Interlocking BlockMaking Machine (M7M1)
- 5. M7MI Twin Super Automated Interlocking BlockMaking Machine (M7M4)
- 6. M7 S1E/D Interlocking BlockMaking Machine
- 7. M72SE/D Interlocking BlockMaking Machine (M7M3)
- 8. M8 Interlocking BlockMaking Machine
- 9. M9 Interlocking BlockMaking Machine



M7 Interlocking Blockmaking Machine

Quick Specs

- Produces 1500 blocks per 8 hour shift = 40m² of walling/day*
 - = 8 x 50m² houses/month*
- Single block chamber

- Mobile blockmaking plant
- Ideal for small to medium sized projects
- Diesel powered engine (electric option available)

Available mould options

NAME 220mm Interlocking Block **Fitted Standard** Dry-stacked, interlocking block which is suitable for load bearing 230mm x 220mm x 115mm construction, boundary walling and for most building purposes 180mm Interlocking Block Dry -stacked, interlocking block for single story construction only, 230mm x 180mm x 115mm suitable for most building purposes 140mm Internal Block Semi-drystack block for internal non-load bearing walls. A slurry is 230mm x 140mm x 115mm used to fill the internal joints to solidify the wall 220mm Capping Block Top course boundary wall block for water run-off and for aesthetic 230mm x 220mm x 115mm finishing. Can also be use for window-sills 220mm Conduit Block Conduit block for laying of horizontal cables and piping within a wall or 230mm x 220mm x 115mm for ring beam construction 220mm Curved Conduit Block Curved conduit block for ease of building curved/round structures with 230mm x 220mm x 115mm a minimum 6m radius 220mm Retaining Block Retaining block, ideal for small garden retaining walls 230mm x 220mm x 115mm 220mm Splitter Block Rough face-brick finish block using motar joints in construction. When split, there are three 73 x 115 x 230mm blocks 230mm x 220mm x 115mm 140 Non-Interlocking Block The Non-Interlocking 140mm block is for normal construction methods 230mm x 140mm x 115mm

*Based on normal operations & following all Hydraform instructions in manual

ENGINEERED TO CREATE CHANGE



N.B. A Pan Mixer is highly recommended for consistent quality and production

ADDITIONAL INFO

Operating Staff: +/- 9-11 Individuals

Moulds: Standard 220mm Mould included

Optional Accessories:

- 1 Year maintenance spares pack
- Blockyard tools
- Protective Gear for on site health & safety
- Block Cutter
- Block Tester

Accessory Products:

- Jaw Crusher for rocks, overburden & waste
- Rotary Sieve for soil preparation



www.hydraform.com



M7 Twin Interlocking Blockmaking Machine (M7M2)

Quick Specs

- Produces a massive 3000 blocks per 8 hour shift*
 - = 78m² of walling/day*

NAME

- = 17 x 50m² houses/month*
- Two block chambers for double block production operated individually
- Diesel powered engine (electric option available)
- Mobile blockmaking plant
- Ideal for large sized projects

Available mould options

220mm Interlocking Block **Fitted Standard** Dry-stacked, interlocking block which is suitable for load bearing 230mm x 220mm x 115mm construction, boundary walling and for most building purposes 180mm Interlocking Block Dry -stacked, interlocking block for single story construction only, 230mm x 180mm x 115mm suitable for most building purposes 140mm Internal Block Semi-drystack block for internal non-load bearing walls. A slurry is 230mm x 140mm x 115mm used to fill the internal joints to solidify the wall 220mm Capping Block Top course boundary wall block for water run-off and for aesthetic 230mm x 220mm x 115mm finishing. Can also be use for window-sills 220mm Conduit Block Conduit block for laying of horizontal cables and piping within a wall or 230mm x 220mm x 115mm for ring beam construction 220mm Curved Conduit Block Curved conduit block for ease of building curved/round structures with 230mm x 220mm x 115mm a minimum 6m radius 220mm Retaining Block Retaining block, ideal for small garden retaining walls 230mm x 220mm x 115mm 220mm Splitter Block Rough face-brick finish block using motar joints in construction. When split, there are three 73 x 115 x 230mm blocks 230mm x 220mm x 115mm

*Based on normal operations & following all Hydraform instructions in manual

140 Non-Interlocking Block

230mm x 140mm x 115mm

ENGINEERED TO CREATE CHANGE



N.B. A Pan Mixer is highly recommended for consistent quality and production

ADDITIONAL INFO

Operating Staff: +/- 14 - 18 Individuals without

Moulds: Standard 220mm Moulds included in

Optional Accessories:

- Blockyard tools
 Protective Gear for on site health & safety
 Block Cutter

The Non-Interlocking 140mm block is for normal construction methods

Block Tester

Accessory Products:

- Rotary Sieve for soil preparation

www.hydraform.com





The New M7A2 Interlocking Blockmaking Plant

Quick Specs

- Produces 6000 blocks per 8 hour shift*
 - = +/- 158m² of walling/day*
 - = 32 x 50m² houses/month*

11,5%

- Independent automatic operation of the two block chambers for increased block production.
- Hydraulically operated hopper loading
- Ideal for large scaled blockyards
- 3-phase electrical operation
- Plant consists of loading platform, 300L pan mixer, skip chute and automated block making machine.



ADDITIONAL INFO

Operating Staff: +/-6-8 Individuals Moulds: Standard 220mm Moulds fitted

Optional Accessories:

- Protective Gear for on site health & safety Block Cutter

Accessory Products:

- Jaw Crusher for rocks, overburden & waste
- Rotary Sieve for soil preparation

Available mould options

BLOCK PURPOSE NAME 220mm Interlocking Block **Fitted Standard** Dry-stacked, interlocking block which is suitable for load bearing 230mm x 220mm x 115mm construction, boundary walling and for most building purposes 180mm Interlocking Block Dry -stacked, interlocking block for single story construction only, 230mm x 180mm x 115mm suitable for most building purposes 140mm Internal Block Semi-drystack block for internal non-load bearing walls. A slurry is used to fill the internal joints to solidify the wall 230mm x 140mm x 115mm 220mm Capping Block Top course boundary wall block for water run-off and for aesthetic 230mm x 220mm x 115mm finishing. Can also be use for window-sills 220mm Conduit Block Conduit block for laying of horizontal cables and piping within a wall or 230mm x 220mm x 115mm for ring beam construction 220mm Curved Conduit Block Curved conduit block for ease of building curved/round structures with 230mm x 220mm x 115mm a minimum 6m radius 220mm Retaining Block 230mm x 220mm x 115mm Retaining block, ideal for small garden retaining walls 220mm Splitter Block Rough face-brick finish block using motar joints in construction. When split, there are three 73 x 115 x 230mm blocks 230mm x 220mm x 115mm 140 Non-Interlocking Block The Non-Interlocking 140mm block is for normal construction methods 230mm x 140mm x 115mm with mortar



www.hydraform.com



M7MI Super Interlocking Blockmaking Machine (M7M1)

Quick Specs

- Produces 2200 blocks per 8 hour shift*
 - = +/- 57m² of walling/day*
 - = 12 x 50m² houses/month*
- Single block chamber

- Mobile blockmaking plant
- Ideal for medium to large sized projects
- Diesel powered engine (electric option available)
- Intergrated 150L pan mixer



ADDITIONAL INFO

Operating Staff: +/- 7 -9 Individuals

Optional Accessories:

- Various moulds as per above
 1 Year maintenance spares pack
- Blockyard tools
- Protective Gear for on site health & safety
- Block Cutter
- Block Tester

Accessory Products:

- 300L Pan Mixer for consistent mixture of
- aggregate

 Jaw Crusher for rocks, overburden & waste
- Rotary Sieve for soil preparation

Available mould options

	NAME	♦ BLO	CK	\	PURPOSE	•
	220mm Interlocking Block Fitted Standard 230mm x 220mm x 115mm				Dry-stacked, interlocking block which is suitable for loa construction, boundary walling and for most building pu	
-	180mm Interlocking Block 230mm x 180mm x 115mm				Dry -stacked, interlocking block for single story constru suitable for most building purposes	ction only,
	140mm Internal Block 230mm x 140mm x 115mm				Semi-drystack block for internal non-load bearing walls used to fill the internal joints to solidify the wall	. A slurry is
	220mm Capping Block 230mm x 220mm x 115mm				Top course boundary wall block for water run-off and fo finishing. Can also be use for window-sills	r aesthetic
	220mm Conduit Block 230mm x 220mm x 115mm				Conduit block for laying of horizontal cables and piping for ring beam construction	within a wall or
	220mm Curved Conduit Block 230mm x 220mm x 115mm				Curved conduit block for ease of building curved/round a minimum 6m radius	structures with
	220mm Retaining Block 230mm x 220mm x 115mm				Retaining block, ideal for small garden retaining walls	
	220mm Splitter Block 230mm x 220mm x 115mm				Rough face-brick finish block using motar joints in cons When split, there are three 73 x 115 x 230mm blocks	truction.
	140 Non-Interlocking Block 230mm x 140mm x 115mm		1		The Non-Interlocking 140mm block is for normal construith mortar	uction methods

ENGINEERED TO CREATE CHANGE

www.hydraform.com



M7MI - Twin Super Automated Interlocking Blockmaking Machine (M7M4)

- **Quick Specs**
- Produces a massive 4400 blocks per 8 hour shift* = 115m² of walling/day*
 - = 25 x 50m² houses/month*
- Two block chambers for double block production operated individually
- Integrated 300L Pan Mixer

- Fully mobile blockmaking plant
- Ideal for large sized projects
- Diesel powered engine (electric option available)
- Hydraulically-operated 300L skip chute for loading Pan Mixer



ADDITIONAL INFO

Operating Staff: +/- 13 Individuals

Optional Accessories:

- Various moulds available
 1 Year maintenance spares pack
- Blockyard tools
- Protective Gear for on site health & safety
- Block Cutter
- Block Tester

Accessory Products:

- 300L Pan Mixer for consistent mixture of
- aggregate

 Jaw Crusher for rocks, overburden & waste
- Rotary Sieve for soil preparation

Available mould options

NAME	♦	BLOCK	\	PURPOSE	*
220mm Interlocking Block Fitted Standard 230mm x 220mm x 115mm				Dry-stacked, interlocking block which is suitable for l construction, boundary walling and for most building	
180mm Interlocking Block 230mm x 180mm x 115mm	1			Dry -stacked, interlocking block for single story cons suitable for most building purposes	truction only,
140mm Internal Block 230mm x 140mm x 115mm	i			Semi-drystack block for internal non-load bearing wa used to fill the internal joints to solidify the wall	lls. A slurry is
220mm Capping Block 230mm x 220mm x 115mm	9			Top course boundary wall block for water run-off and finishing. Can also be use for window-sills	for aesthetic
220mm Conduit Block 230mm x 220mm x 115mm	-			Conduit block for laying of horizontal cables and pipi for ring beam construction	ng within a wall or
220mm Curved Conduit Block 230mm x 220mm x 115mm	-			Curved conduit block for ease of building curved/rou a minimum 6m radius	nd structures with
220mm Retaining Block 230mm x 220mm x 115mm	-	30		Retaining block, ideal for small garden retaining wall	s
220mm Splitter Block 230mm x 220mm x 115mm	1			Rough face-brick finish block using motar joints in co When split, there are three 73 x 115 x 230mm blocks	
140 Non-Interlocking Block 230mm x 140mm x 115mm				The Non-Interlocking 140mm block is for normal con with mortar	struction methods

ENGINEERED TO CREATE CHANGE

www.hydraform.com



M7 S1E / D Interlocking Blockmaking Machine

Quick Specs

- Produces 1500 blocks per 8 hour shift* = +/- 40m² of walling/day*
 - = 8 x 50m² houses/month*
- Single block chamber operated individually for block production
- Ideal to start up your blockyard
- Stationary (Not mobile)
- Diesel powered engine (electric option available)



AUTOMATION AVAILABLE

Increase production to 2300 blocks per day

ADDITIONAL INFO

Operating Staff: 9 Individuals

Optional Accessories:

- Various moulds available
 1 Year maintenance spares pack
- Blockyard tools
- Protective Gear for on site health & safety
- Block Cutter
- Block Tester

Accessory Products:

- Pan Mixer for consistent mixture
- Jaw Crusher for rocks, overburden & waste
- materials

 Rotary Sieve for soil preparation

N.B Pan mixer highly recommended

Available mould options

NAME		♦	BLOCK	*	PURPOSE	•
Fitted Stand	rlocking Block lard 20mm x 115mm				Dry-stacked, interlocking block which is suitable for load construction, boundary walling and for most building put	
	rlocking Block 80mm x 115mm				Dry -stacked, interlocking block for single story construct suitable for most building purposes	ction only,
140mm Inte 230mm x 1	rnal Block 40mm x 115mm				Semi-drystack block for internal non-load bearing walls. used to fill the internal joints to solidify the wall	A slurry is
220mm Cap 230mm x 2	ping Block 20mm x 115mm				Top course boundary wall block for water run-off and for finishing. Can also be use for window-sills	aesthetic
220mm Con 230mm x 2	duit Block 20mm x 115mm	1			Conduit block for laying of horizontal cables and piping for ring beam construction	within a wall or
	ved Conduit Block 20mm x 115mm				Curved conduit block for ease of building curved/round a minimum 6m radius	structures with
	aining Block 20mm x 115mm	-	30		Retaining block, ideal for small garden retaining walls	
220mm Spli 230mm x 22	tter Block 20mm x 115mm	-			Rough face-brick finish block using motar joints in const When split, there are three 73 x 115 x 230mm blocks	ruction.
1	erlocking Block 40mm x 115mm				The Non-Interlocking 140mm block is for normal constru with mortar	iction methods

ENGINEERED TO CREATE CHANGE

www.hydraform.com



M7S2E / D Interlocking Blockmaking Machine (M7M3)

Quick Specs

- Produces 3000 blocks per 8 hour shift*
 - = 78m² of walling/day*
 - = 17 x 50m² houses/month*
- Two block chambers operated individually for double block production
- Ideal to start up your blockyard
- Stationary (Not mobile)
- Diesel powered engine (electric option available)

Available mould options

NAME 220mm Interlocking Block **Fitted Standard** Dry-stacked, interlocking block which is suitable for load bearing 230mm x 220mm x 115mm construction, boundary walling and for most building purposes 180mm Interlocking Block Dry -stacked, interlocking block for single story construction only, 230mm x 180mm x 115mm suitable for most building purposes 140mm Internal Block Semi-drystack block for internal non-load bearing walls. A slurry is used to fill the internal joints to solidify the wall 230mm x 140mm x 115mm 220mm Capping Block Top course boundary wall block for water run-off and for aesthetic 230mm x 220mm x 115mm finishing. Can also be use for window-sills 220mm Conduit Block Conduit block for laying of horizontal cables and piping within a wall or 230mm x 220mm x 115mm for ring beam construction 220mm Curved Conduit Block Curved conduit block for ease of building curved/round structures with 230mm x 220mm x 115mm a minimum 6m radius 220mm Retaining Block Retaining block, ideal for small garden retaining walls 230mm x 220mm x 115mm 220mm Splitter Block Rough face-brick finish block using motar joints in construction. When split, there are three 73 x 115 x 230mm blocks 230mm x 220mm x 115mm 140 Non-Interlocking Block The Non-Interlocking 140mm block is for normal construction methods 230mm x 140mm x 115mm

*Based on normal operations & following all Hydraform instructions in manual

ENGINEERED TO CREATE CHANGE



AUTOMATION AVAILABLE

Increase production to 4600 blocks per day

N.B. A Pan Mixer is highly recommended for consistent quality and production

ADDITIONAL INFO

Operating Staff: +/- 14 - 18 Individuals without

Moulds: Standard 220mm Moulds included in

Optional Accessories:

- Blockyard tools
 Protective Gear for on site health & safety
 Block Cutter
- Block Tester

Accessory Products:

- Rotary Sieve for soil preparation



www.hydraform.com



M8 Interlocking Blockmaking Machine **Quick Specs**

- Produces 1500 blocks per 8 hour shift'
- = +/- 40 m² of walling/day*
- = 8 x 50m² houses/month*
- Diesel powered engine

- Stationary machine
- Single block chamber
- Ideal for small to medium sized projects



AUTOMATION AVAILABLE

ncrease production to 2300 blocks per day

ADDITIONAL INFO

Operating Staff: 9 Individuals Moulds: Standard 220mm Moulds fitted

Optional Accessories:

- Various moulds available 1 Year maintenance spares pack
- Blockyard tools
- Protective Gear for on site health & safety
- Block Cutter
- Block Tester

Accessory Products:

- Pan Mixer for consistent mixture of aggregate Jaw Crusher for rocks, overburden & waste

N.B Pan mixer highly recommended

wailable mould options

NAME ♦ BLOO	CK ♦ PURPOSE ♦
220mm Interlocking Block Fitted Standard 230mm x 220mm x 115mm	Dry-stacked, interlocking block which is suitable for load bearing construction, boundary walling and for most building purposes
180mm Interlocking Block 230mm x 180mm x 115mm	Dry -stacked, interlocking block for single story construction only, suitable for most building purposes
140mm Internal Block 230mm x 140mm x 115mm	Semi-drystack block for internal non-load bearing walls. A slurry is used to fill the internal joints to solidify the wall
220mm Capping Block 230mm x 220mm x 115mm	Top course boundary wall block for water run-off and for aesthetic finishing. Can also be use for window-sills
220mm Conduit Block 230mm x 220mm x 115mm	Conduit block for laying of horizontal cables and piping within a wall or for ring beam construction
220mm Curved Conduit Block 230mm x 220mm x 115mm	Curved conduit block for ease of building curved/round structures with a minimum 6m radius
220mm Retaining Block 230mm x 220mm x 115mm	Retaining block, ideal for small garden retaining walls
220mm Splitter Block 230mm x 220mm x 115mm	Rough face-brick finish block using motar joints in construction. When split, there are three 73 x 115 x 230mm blocks
140 Non-Interlocking Block 230mm x 140mm x 115mm	The Non-Interlocking 140mm block is for normal construction methods with mortar

ENGINEERED TO CREATE CHANGE

www.hydraform.com



M9 Interlocking Blockmaking Machine

Quick Specs

- Produces +/- 500 blocks per 8 hour shift*
 = 13m² of walling/day*
 = 2 x 50m² houses/month*
- Single semi-hydraulic block chamber
- 220V Electric motor (powered by a 5KVA generator)
- 10 inch pneumatic tyres for on-site mobility (No towing)
- Hand-operated pre-compacting top gate assembly
- Entry-level machine to get your project started



N.B Pan mixer highly recommended

ADDITIONAL INFO

Operating Staff: +/- 5 - 6 Individuals **Moulds**: Standard 220mm Moulds fitted

Optional Accessories:

- Various moulds as per above
- 1 Year maintenance spares pack
- Blockyard tools
- Protective Gear for on site health & safety
- Block Cutte
- Block Tester

Accessory Products

- 200L Pan Mixer for consistent mixture of aggregate
- Jaw Crusher for rocks, overburden & waste materials
- Rotary Sieve for soil preparation

Available mould options

NAME ♦ BLOC	K ♦ PURPOSE ◆
220mm Interlocking Block Fitted Standard 230mm x 220mm x 115mm	Dry-stacked, interlocking block which is suitable for load bearing construction, boundary walling and for most building purposes
180mm Interlocking Block 230mm x 180mm x 115mm	Dry -stacked, interlocking block for single story construction only, suitable for most building purposes
140mm Internal Block 230mm x 140mm x 115mm	Semi-drystack block for internal non-load bearing walls. A slurry is used to fill the internal joints to solidify the wall
220mm Capping Block 230mm x 220mm x 115mm	Top course boundary wall block for water run-off and for aesthetic finishing. Can also be use for window-sills
220mm Conduit Block 230mm x 220mm x 115mm	Conduit block for laying of horizontal cables and piping within a wall or for ring beam construction
220mm Curved Conduit Block 230mm x 220mm x 115mm	Curved conduit block for ease of building curved/round structures with a minimum 6m radius
220mm Retaining Block 230mm x 220mm x 115mm	Retaining block, ideal for small garden retaining walls
220mm Splitter Block 230mm x 220mm x 115mm	Rough face-brick finish block using motar joints in construction. When split, there are three 73 x 115 x 230mm blocks
140 Non-Interlocking Block 230mm x 140mm x 115mm	The Non-Interlocking 140mm block is for normal construction methods with mortar

ENGINEERED TO CREATE CHANGE

www.hydraform.com

