

Treadling Italian Fashion

Italian Fashion / OVERSHOT DEPARTURES



THE
Handweaving
Academy

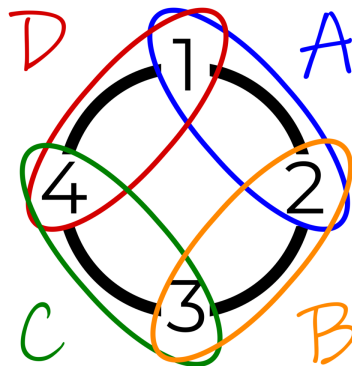
Brief treadling instructions

1. Pattern (in twill shed, following block order)
2. Binder 1 in "forward" twill shed
3. Pattern (in same twill shed)
4. Binder 2 in "backward" twill shed

Treadling/liftplan instructions for each block

For looms with tie-ups, use [Tie-Up #1](#).

First, determine which direction is forward and which is back. This is decided by which direction the pattern sheds go around the twill circle. If the second pattern block is clockwise from the first, then clockwise is forward. If the second pattern pick is counter-clockwise from the first, then counter-clockwise is forward.



Next, decide which binder is “forward” and which is “back”.

There’s a special maneuver required when the final binder pick of a treadling unit goes through the same shed as the first pattern pick of the next unit. This is described below (noted as EXCEPTION) and is demonstrated in detail in the video demo.



To treadle Block A:

1. Throw the pattern shuttle through the Block A twill shed
(shafts 1&2 down, shafts 3&4 up = twill treadle #1)
2. Throw the “forward” binder shuttle through the twill shed one ahead of Block A.
 - If you’re going clockwise, this is Block B (shafts 2&3 down, shafts 1&4 up = twill treadle #2)
 - If you’re going counter-clockwise, this is Block D (shafts 1&4 down, shafts 2&3 up = twill treadle #4)
3. Throw the pattern shuttle through the Block A twill shed again
4. Throw the “back” binder shuttle through the twill shed one back from Block A.
 - **If you’re going clockwise**, this is Block D (shafts 1&4 down, shafts 2&3 up = twill treadle #4)
 - **If you’re going counter-clockwise**, this is Block B (shafts 2&3 down, shafts 1&4 up = twill treadle #2)
 - **EXCEPTION:** If this is the last “back” binder of the block and the next pattern pick will be in the same shed that the “back” binder ought to go through, skip that shed and throw the “back” binder through the Block C twill shed instead.
(shafts 3&4 down, shafts 1&2 up = twill treadle #3)

To treadle Block B:

1. Throw the pattern shuttle through the Block B twill shed
(shafts 2&3 down, shafts 1&4 up = twill treadle #2)
2. Throw the “forward” binder shuttle through the twill shed one ahead of Block B.
 - If you’re going clockwise, this is Block C (shafts 3&4 down, shafts 1&2 up = twill treadle #3)
 - If you’re going counter-clockwise, this is Block A (shafts 1&2 down, shafts 3&4 up = twill treadle #1)
3. Throw the pattern shuttle through the Block B twill shed again
4. Throw the “back” binder shuttle through the twill shed one back from Block B.
 - **If you’re going clockwise**, this is Block A (shafts 1&2 down, shafts 3&4 up = twill treadle #1)
 - **If you’re going counter-clockwise**, this is Block C (shafts 3&4 down, shafts 1&2 up = twill treadle #3)
 - **EXCEPTION:** If this is the last “back” binder of the block and the next pattern pick will be in the same shed that the “back” binder ought to go through, skip



that shed and throw the “back” binder through the Block D twill shed instead.
(shafts 1&4 down, shafts 2&3 up = twill treadle #4)

To treadle Block C:

1. Throw the pattern shuttle through the Block C twill shed
(shafts 3&4 down, shafts 1&2 up = twill treadle #3)
2. Throw the “forward” binder shuttle through the twill shed one ahead of Block C.
 - **If you’re going clockwise**, this is Block D (shafts 1&4 down, shafts 2&3 up = twill treadle #4)
 - **If you’re going counter-clockwise**, this is Block B (shafts 2&3 down, shafts 1&4 up = twill treadle #2)
3. Throw the pattern shuttle through the Block C twill shed again
4. Throw the “back” binder shuttle through the twill shed one back from Block C.
 - **If you’re going clockwise**, this is Block B (shafts 2&3 down, shafts 1&4 up = twill treadle #2)
 - **If you’re going counter-clockwise**, this is Block D (shafts 1&4 down, shafts 2&3 up = twill treadle #4)
 - **EXCEPTION:** If this is the last “back” binder of the block and the next pattern pick will be in the same shed that the “back” binder ought to go through, skip that shed and throw the “back” binder through the Block A twill shed instead.
(shafts 1&2 down, shafts 3&4 up = twill treadle #1)

To treadle Block D:

1. Throw the pattern shuttle through the Block D twill shed
(shafts 1&4 down, shafts 2&3 up = twill treadle #4)
2. Throw the “forward” binder shuttle through the twill shed one ahead of Block D.
 - If you’re going clockwise, this is Block A (shafts 1&2 down, shafts 3&4 up = twill treadle #1)
 - If you’re going counter-clockwise, this is Block C (shafts 3&4 down, shafts 1&2 up = twill treadle #3)
3. Throw the pattern shuttle through the Block D twill shed again
4. Throw the “back” binder shuttle through the twill shed one back from Block D.



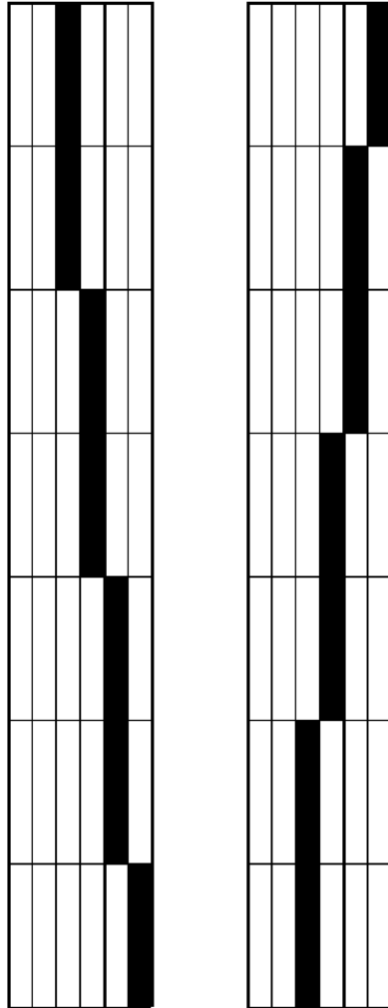
- **If you're going clockwise**, this is Block C (shafts 3&4 down, shafts 1&2 up = twill treadle #3)
- **If you're going counter-clockwise**, this is Block A (shafts 1&2 down, shafts 3&4 up = twill treadle #1)
- **EXCEPTION:** If this is the last "back" binder of the block and the next pattern pick will be in the same shed that the "back" binder ought to go through, skip that shed and throw the "back" binder through the Block B twill shed instead. (shafts 2&3 down, shafts 1&4 up = twill treadle #2)

Treadling and liftplan diagrams

Each row of the treadling block order represents FOUR picks: two of the pattern weft and one of each binder weft.

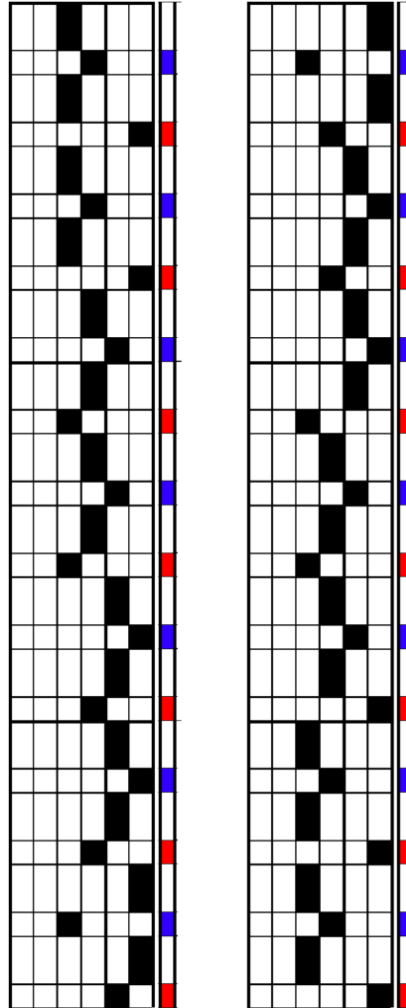
For looms with tie-ups, use [Tie-Up #1](#).

Block order = A x2, B x2, C x2, D x2,
C x2, B x2, A x2



Note: Each row of block order equates to
FOUR picks (2 pattern, 2 binder)

Italian fashion
treadling, with binders



White = pattern, Blue = "forward" binder, Red = "back" binder

Italian fashion
liftplan, with binders

