

# KS-FE TYPE HDPE HIGH SPEED BLOWN FILM LINE (HIGH OUTPUT)

KS-FE80B HDPE HIGH SPEED BLOWN FILM LINE WITH HORIZONTAL TYPE OSCILLATING TAKE-UP UNIT, TWO-STATION SURFACE TYPE WINDER EXTRUSION OUTPUT: 250 KG/HR



**Kung Hsing**  
**PLASTIC MACHINERY**

ISO 9001   
*Taiwan*

## SPECIFICATION:

|                                                                      | MODEL                                                                                                                                                                                                                                                                                                                                                                                                          | SINGLE HEAD TYPE<br>HIGH SPEED<br>BLOWN FILM LINE |           |           |            | TWIN HEAD TYPE<br>HIGH SPEED<br>BLOWN FILM LINE  |             |             | ECONOMIC TYPE<br>HIGH SPEED<br>BLOWN FILM LINE   |           | TWO-COLOR<br>HIGH SPEED<br>BLOWN<br>FILM LINE | SINGLE HEAD TYPE<br>HIGH SPEED BLOWN<br>FILM LINE FOR<br>JUMBO BAG |            |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------|-----------|------------|--------------------------------------------------|-------------|-------------|--------------------------------------------------|-----------|-----------------------------------------------|--------------------------------------------------------------------|------------|
|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                | KS-FE45                                           | KS-FE50   | KS-FE55   | KS-FE65    | KS-FE45S                                         | KS-FE50S    | KS-FE55S    | KS-ES45                                          | KS-ES50   | KS-TE45                                       | KS-FE65B                                                           | KS-FE80B   |
| FEATURE                                                              | MATERIAL TO BE USED                                                                                                                                                                                                                                                                                                                                                                                            |                                                   |           |           |            | HDPE                                             |             |             |                                                  |           |                                               |                                                                    |            |
|                                                                      | MAX. FILM WIDTH                                                                                                                                                                                                                                                                                                                                                                                                | 600 mm                                            | 700 mm    | 850 mm    | 1100 mm    | 350 mm                                           | 450 mm      | 550 mm      | 600 mm                                           | 700 mm    | 700 mm                                        | 1200 mm                                                            | 1600 mm    |
|                                                                      | THICKNESS OF FILM                                                                                                                                                                                                                                                                                                                                                                                              |                                                   |           |           |            | 0.008 ~ 0.08 m/m                                 |             |             |                                                  |           |                                               |                                                                    |            |
|                                                                      | MAX. EXTRUSION OUTPUT                                                                                                                                                                                                                                                                                                                                                                                          | 75 kg/hr                                          | 90 kg/hr  | 135 kg/hr | 165 kg/hr  | 75 kg/hr                                         | 90 kg/hr    | 135 kg/hr   | 75 kg/hr                                         | 90 kg/hr  | 100 kg/hr                                     | 165 kg/hr                                                          | 250 kg/hr  |
| EXTRUDER                                                             | SCREW DIA.                                                                                                                                                                                                                                                                                                                                                                                                     | 45 mm                                             | 50 mm     | 55 mm     | 65 mm      | 45 mm                                            | 50 mm       | 55 mm       | 45 mm                                            | 50 mm     | 45 mm                                         | 65 mm                                                              | 80 mm      |
|                                                                      | SCREW L/D                                                                                                                                                                                                                                                                                                                                                                                                      | 30 : 1                                            | 30 : 1    | 30 : 1    | 30 : 1     | 30 : 1                                           | 30 : 1      | 30 : 1      | 30 : 1                                           | 30 : 1    | 30 : 1                                        | 30 : 1                                                             | 30 : 1     |
|                                                                      | SCREW / CYLINDER MATERIAL                                                                                                                                                                                                                                                                                                                                                                                      | SACM-645 STEEL WITH HARD WITH NITROGEN TREATMENT  |           |           |            |                                                  |             |             |                                                  |           |                                               |                                                                    |            |
|                                                                      | CYLINDER COOLING                                                                                                                                                                                                                                                                                                                                                                                               | ½ HP×1                                            | ¼,½ HP×1  | ½ HP×3    | ½ HP×3     | ¼,½ HP×1                                         | ¼,½ HP×1    | ½ HP×3      | ¼,½ HP×1                                         | ¼,½ HP×1  | ½ HP×1                                        | ½ HP×3                                                             | ½ HP×4     |
|                                                                      | DRIVING MOTOR                                                                                                                                                                                                                                                                                                                                                                                                  | 30 HP                                             | 40 HP     | 50 HP     | 75 HP      | 30 HP                                            | 40 HP       | 50 HP       | 30 HP                                            | 40 HP     | 20 HP×2                                       | 75 HP                                                              | 100 HP     |
|                                                                      | HEATER CAPACITY                                                                                                                                                                                                                                                                                                                                                                                                | 14 kw                                             | 19 kw     | 20 kw     | 27 kw      | 18 kw                                            | 20 kw       | 24 kw       | 14 kw                                            | 19 kw     | 30 kw                                         | 30 kw                                                              | 40 kw      |
|                                                                      | DIES (mm)                                                                                                                                                                                                                                                                                                                                                                                                      | 60~75ø                                            | 70~100ø   | 90~120ø   | 120~150ø   | 60ø×2                                            | 75ø×2       | 100ø×2      | 60~75ø                                           | 70~100ø   | 70~100ø                                       | 150~175ø                                                           | 200~230ø   |
|                                                                      | TEMPERATURE CONTROL                                                                                                                                                                                                                                                                                                                                                                                            | 6 points                                          | 6 points  | 7 points  | 7 points   | 10 points                                        | 10 points   | 11 points   | 6 points                                         | 6 points  | 10 points                                     | 7 points                                                           | 8 points   |
|                                                                      | COOLING EQUIP                                                                                                                                                                                                                                                                                                                                                                                                  | 5 HP                                              | 5 HP      | 7½ HP     | 7½ HP      | 2 HP×2                                           | 2 HP×2      | 3 HP×2      | 3 HP                                             | 5 HP      | 5 HP                                          | 7½ HP                                                              | 10 HP      |
| TAKE-UP UNIT                                                         | TYPE                                                                                                                                                                                                                                                                                                                                                                                                           | HEIGHT ADJUSTABLE                                 |           |           |            | FIXED TYPE                                       |             |             | HEIGHT ADJUSTABLE                                |           | FIXED TYPE                                    |                                                                    |            |
|                                                                      | PINCH ROLLER (mm)                                                                                                                                                                                                                                                                                                                                                                                              | 165ø×650L                                         | 165ø×750L | 165ø×900L | 165ø×1200L | 165ø×400L×2                                      | 165ø×500L×2 | 165ø×600L×2 | 165ø×650L                                        | 165ø×750L | 165ø×750L                                     | 165ø×1300L                                                         | 215ø×1700L |
|                                                                      | TAKE-UP MOTOR                                                                                                                                                                                                                                                                                                                                                                                                  | ½ HP                                              | 1 HP      | 1 HP      | 2 HP       | ½ HP                                             | ½ HP        | 1 HP        | ½ HP                                             | 1 HP      | 1 HP                                          | 2 HP                                                               | 3 HP       |
|                                                                      | TAKE-UP SPEED (m/min)                                                                                                                                                                                                                                                                                                                                                                                          | 12 ~ 120                                          | 12 ~ 120  | 12 ~ 120  | 12 ~ 120   | 12 ~ 120                                         | 12 ~ 120    | 12 ~ 120    | 12 ~ 120                                         | 12 ~ 120  | 12 ~ 120                                      | 12 ~ 120                                                           | 12 ~ 120   |
|                                                                      | SUB-PINCH ROLLER (mm)                                                                                                                                                                                                                                                                                                                                                                                          | 100ø×650L                                         | 100ø×750L | 100ø×900L | 100ø×1200L | 100ø×400L×2                                      | 100ø×500L×2 | 100ø×600L×2 | 100ø×650L                                        | 100ø×750L | 100ø×750L                                     | 140ø×1300L                                                         | 165ø×1700L |
|                                                                      | GUIDE MOTOR                                                                                                                                                                                                                                                                                                                                                                                                    | 15 kg/cm                                          | 15 kg/cm  | 20 kg/cm  | 30 kg/cm   | 10 kg/cm×2                                       | 15 kg/cm×2  | 15 kg/cm×2  | 15 kg/cm                                         | 15 kg/cm  | 15 kg/cm                                      | 30 kg/cm                                                           | 50 kg/cm   |
| WINDING UNIT                                                         | FW TYPE                                                                                                                                                                                                                                                                                                                                                                                                        | ONE STATION AUTOMATIC<br>SURFACE TYPE WINDER × 1  |           |           |            | ONE STATION AUTOMATIC<br>SURFACE TYPE WINDER × 2 |             |             | ONE STATION AUTOMATIC<br>SURFACE TYPE WINDER × 1 |           | ONE STATION AUTOMATIC<br>SURFACE TYPE WINDER  |                                                                    |            |
|                                                                      | EFFECTIVE WIDTH                                                                                                                                                                                                                                                                                                                                                                                                | 600 mm                                            | 700 mm    | 850 mm    | 1100 mm    | 350 mm                                           | 450 mm      | 550 mm      | 600 mm                                           | 700 mm    | 700 mm                                        | 1200 mm                                                            | 1600 mm    |
|                                                                      | DIA. OF FILM WOUND-UP ROLL                                                                                                                                                                                                                                                                                                                                                                                     | 1000 mm                                           | 1000 mm   | 1000 mm   | 1000 mm    | 1000 mm                                          | 1000 mm     | 1000 mm     | 1000 mm                                          | 1000 mm   | 1000 mm                                       | 1000 mm                                                            | 1000 mm    |
|                                                                      | WINDER MOTOR                                                                                                                                                                                                                                                                                                                                                                                                   | 1 HP                                              | 1HP       | 1HP       | 2HP        | 1HP×2                                            | 1HP×2       | 1HP×2       | 1 HP                                             | 1 HP      | 1 HP                                          | 2 HP                                                               | 3 HP       |
|                                                                      | DIMENSION (L×W×H) (M)                                                                                                                                                                                                                                                                                                                                                                                          | 4.9×2.3×4.3                                       | 5×2.4×4.8 | 6×2.5×5.7 | 6.3×2.8×7  | 5.3×3.2×3.7                                      | 5.3×3.4×4   | 5.6×4.1×4.5 | 4.9×2.3×4.3                                      | 5×2.4×4.8 | 5×2.5×4.8                                     | 6.3×3.2×6.5                                                        | 7.5×4×8    |
| OPTIONAL DEVICE                                                      | AUTOMATIC HOPPER LOADER, FILM SURFACE TREATER, PRESSURE GAUGE, EMBOSING DEVICE, TWO-STATION SURFACE WINDER, ELECTRONIC TENSION CONTROL, EDGE POSITION CONTROL, ROTARY DIE DEVICE, OSCILLATING TAKE-UP UNIT, AUTO UNLOADING DEVICE IN-LINE PRINTING MACHINE, HEAT SLITTING DEVICE, CHILLER, GRAVIMETRIC DOSING UNIT, THICKNESS MEASUREMENT, WIDTH CONTROLLER, MASTER BATCH DOSING UNIT, LD/LLDPE DIE & AIR-RING |                                                   |           |           |            |                                                  |             |             |                                                  |           |                                               |                                                                    |            |
| SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE FOR IMPROVEMENT. |                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   |           |           |            |                                                  |             |             |                                                  |           |                                               |                                                                    |            |



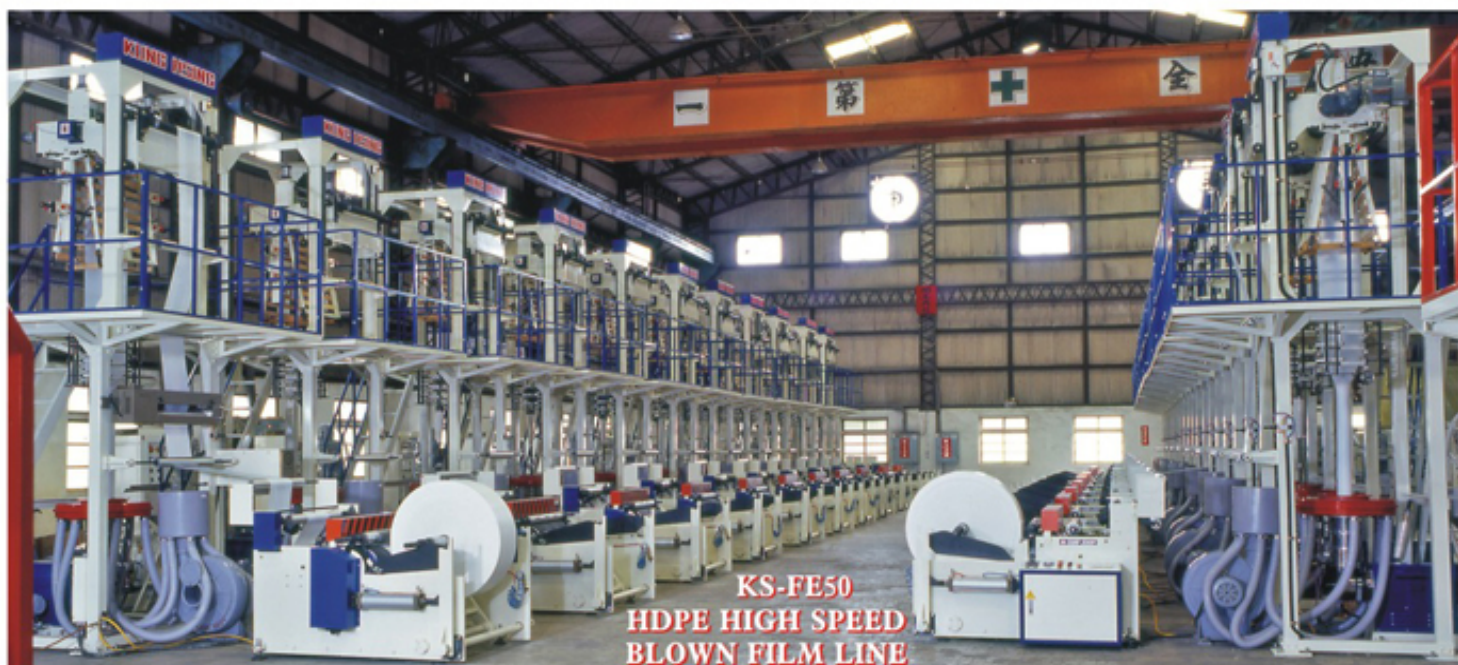
**KS-TE45**  
**TWO COLORS HIGH SPEED BLOWN FILM LINE**



**KS-ES50**  
**ECONOMIC TYPE HIGH SPEED BLOWN FILM LINE**



**KS-FE65B HDPE HIGH SPEED BLOWN FILM LINE EQUIPPED WITH GRAVIMETRIC BATCH BLENDER, ROTARY DIE, EPC AND ELECTRONIC TENSION CONTROLLER.**



**KS-FE50 HDPE HIGH SPEED BLOWN FILM LINE**



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