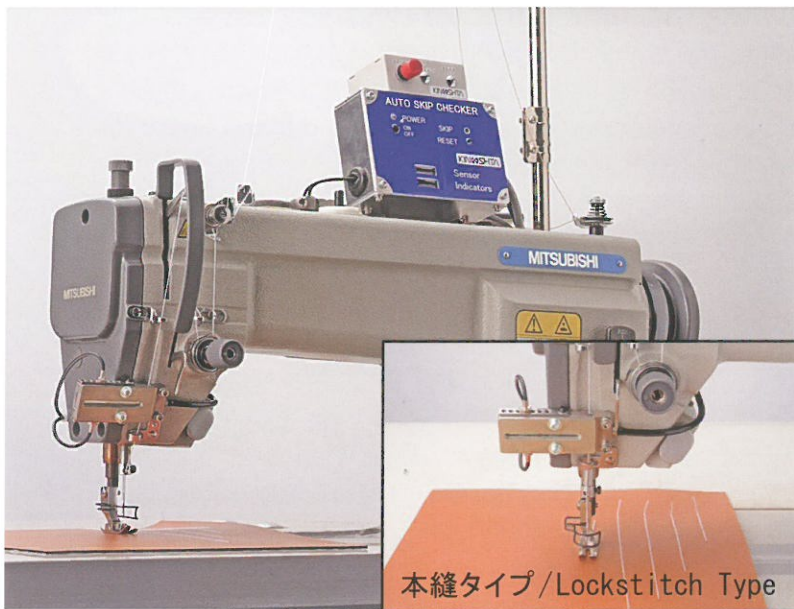


Auto Skip Catcher

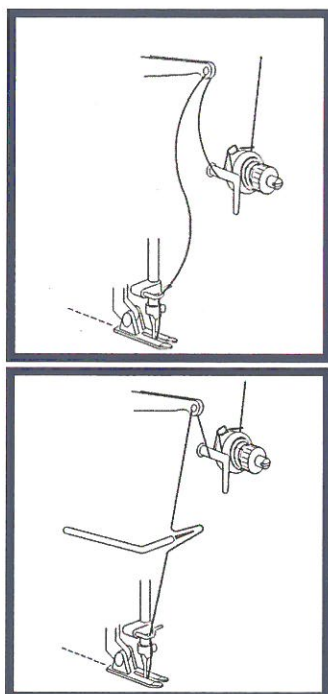
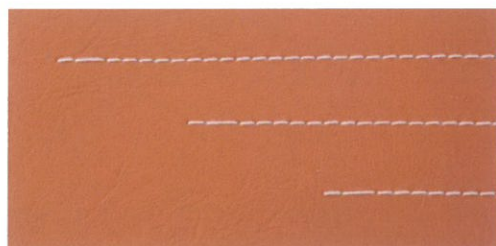


千鳥タイプ / Zigzag Lockstitch Type



環縫タイプ / Chainstitch Type

目飛びの発生個所や上糸切れを瞬時にキャッチし、付加価値を求められるアイテムの縫製、安全、安心といった品質を極限まで追求することができます。目飛びが発生するとランプやブザーで即時に知らせ、マシンが停止するため、生産性、品質が向上します。また、糸の張力調整が滑らかになり縫製条件が良くなります。本縫、環縫に対応可能です。Catches a skip of the stitch and breakage of upper thread immediately when happens to achieve the maximum quality of sewing goods. When a skip is occurred, a signal by light or buzzer warns the operator and stops the sewing machine - a good assurance of quality and productivity. Stitching conditions also improve by smooth tension adjustments. Available for both lockstitch and chainstitch machines.



従来の糸取バネと天秤の動きと針の動きを示します。糸取バネはストロークが短く、糸の緩みを吸収できない分、遊びができ、糸が暴れる原因になります。この糸の暴れが「目飛び」「糸切れ」等の不具合の要因の一つであると考えられます。

See the motions of the thread take-up, the tension take-up spring and the needle. The stroke at the tension spring is too short to absorb the slack of the thread, so the play at the thread will allow the thread to dance or be unstable. This unstableness is considered to be one of the causes of "skipping of a stitch" and "cutting of a thread".



目飛び検出装置を取り付けると、この緩みを絶えずエアの一定圧で押し出すため、糸の暴れがなくなり、「目飛び」「糸切れ」などの不具合を減少させる効果も確認されています。

By attaching Kinoshita Auto Skip Catcher, the slack thread is blown with consistent air pressure to eliminate the dancing of the thread. It is tested and observed that KASC makes the sewing smooth and stable, to minimize "skipping of a stitch" and "cutting of a thread".